Samsung GALAXY S5

User Guide

[UG template version 15a]

[VMU+_Samsung_SM-G900P_UM_Eng_022515_R4]

Table of Contents

Introduction 1
About the User Guide 1
Before Using Your Phone 1
Descriptions in the User Guide 1
Screenshots and Key Labels 1
Other Notations 1
Get Started 2
Phone Layout 2
SIM Card 4
Handling SIM Card 4
Insert SIM Card 5
SD Card 7
Insert SD Card 8
Unmount the SD Card 9
Remove SD Card 10
Format SD Card 12
Battery Use 14
Insert the Battery 14
Remove the Battery 16
Charge the Battery 17
Turn Your Phone On and Off 19
Use the Touchscreen 21
Activation and Service 24
Complete the Setup Screens 27
Basic Operations 33
Basics 33
Home Screen and Applications (Apps) List 33
Select Options and Navigate Screens 33
Menu Operations 33
Phone Settings Menu 34
Portrait and Landscape Screen Orientation 35
Capture Screenshots 35

Applications 36
Launch Applications 36
Apps List 36
Phone Number 40
Airplane Mode 41
Enter Text 43
Touchscreen Keyboards 43
Samsung Keyboard 43
Google Voice Typing 44
Swype 45
Tips for Editing Text 46
Google Account 46
Create a Google Account 46
Sign In to Your Google Account 52
Google Play Store 55
Find and Install an App 55
Request a Refund for a Paid App 57
Update an App 57
Uninstall an App 60
Get Help with Google Play 62
Lock and Unlock Your Screen 63
Update Your Phone 64
Update Your Phone Software 64
Update Your Profile 68
Update Your PRL 69
Your Phone Interface 70
Home Screen Basics 70
Home Screen Layout 70
Extended Home Screens 72
Status Bar 73
Notifications Panel 75
Multi Window 76
Customize the Home Screen 78
Change the Wallpaper 78
Add Shortcuts to the Home Screen 80

Add Widgets to the Home Screen 81
Add Folders to the Home Screen 82
Phone App 83
Place and Answer Calls 83
Call Using the Phone Dialer 84
Answer Phone Calls 86
In-Call Screen Layout and Operations 89
Place Calls from Contacts/Call Logs 91
Place a Call from Contacts 91
Call from Call Logs 93
Optional Services 95
Voicemail Setup 95
Caller ID Blocking 96
Call Waiting 97
Call Forwarding 98
Access Call Settings 99
Contacts 101
Add a Contact 101
Check Contacts 105
Contacts Screen Layout 106
Edit a Contact 107
Delete a Contact 109
Share a Contact 111
Import Contacts 113
Back Up Contacts 115
Messaging and Internet 117
Text and Multimedia Messaging 117
Send a Text Message 117
Send a Multimedia Message (MMS) 119
Save and Resume a Draft Message 124
New Messages Notification 124
Manage Message Conversations 125
Text and MMS Options 129
Create and Send Gmail 131
Check Received Gmail Messages 133

Open New Gmail Messages 133
Open Gmail Messages 134
Manage Gmail Messages 135
Use Gmail Labels 135
Archive Gmail Threads 136
Mute Gmail Threads 137
Delete Gmail Threads 138
Search Gmail Messages 139
Report Spam or Phishing Gmail 140
Add Another Google (Gmail) Account 141
Switching between Gmail Accounts 143
Email 145
Set Up an Email Account 145
Add an Email Account 146
Add an Exchange ActiveSync Account 150
Compose and Send Email 152
Open New Email Messages 153
Open Email Messages 154
Delete an Email Account 155
Manage Your Email Inbox 157
Exchange ActiveSync Email Features 158
Data Services General Information (LTE and 3G Networks) 159
4G LTE 159
Data Connection Status and Indicators 161
Internet Browser 161
Use the Browser 162
Add a Bookmark 163
View Browser History 165
Open New Browser Windows 166
Browser Settings 168
Chrome Browser 169
Camera and Video 171
Take Pictures and Record Videos 171
Take a Picture 172
Viewfinder Screen 173

Record Videos 174
View Pictures and Videos 175
Edit Pictures 177
Share Pictures and Videos 181
Send Pictures or Videos by Email 181
Send a Picture or Video by Multimedia Message 183
Send Pictures or Videos Using Bluetooth 185
Share Videos on YouTube 187
Camera Settings 189
Switch Cameras 189
Set Camera Settings 190
Useful Apps and Features 191
Calculator 191
Calendar 193
Add an Event to the Calendar 193
View Calendar Events 195
Sync Calendars 196
Synchronize an Exchange ActiveSync Calendar 198
Clock 198
Set Alarms 199
World Clock 201
Stopwatch 202
Timer 203
Dropbox 204
Flipboard 204
GALAXY Apps 204
Gallery 204
View Photos and Videos 206
Working with Photos 208
Share Photos and Videos 209
Google Drive 210
Google Play Books 210
Google Play Games 211
Google Maps 211
Google Play Movies & TV 213

Google Play Music 213
Google Play Newsstand 216
Google Search 217
Use Google Search 217
Use Google Voice Search 218
Google Wallet 219
Memo 220
Music (App) 221
My Files 225
NextRadio 226
POLARIS Office 5 226
S Health 227
S Voice 229
Smart Remote 229
Configure Smart Remote 229
Customize Your Smart Remote 230
Use Your Smart Remote to Control Your TV 230
Hangouts 231
Video 233
Voice Recorder 233
Uber 235
YouTube 236
Connectivity 238
Transfer Files between Your Phone and a Computer 238
Wi-Fi 241
Turn Wi-Fi On and Connect to a Wireless Network 241
Wi-Fi Settings 243
Remove a Wi-Fi Network 244
Wi-Fi Direct 245
Hotspot 247
Bluetooth 249
Bluetooth Information 249
Enable the Bluetooth Feature 250
Pair Bluetooth Devices 252
Connect to a Paired Bluetooth Device 254

Share Information Using Bluetooth 255
Settings 259
Basic Settings 259
Search Settings 262
Settings Options 262
TTY Mode 263
Wi-Fi Settings 265
Hotspot Settings 269
Bluetooth Settings 271
USB Tethering 273
Bluetooth Tethering 274
Airplane Mode 275
Data Usage Settings 276
Location Settings 278
More Networks Settings 281
Default Messaging App Settings 282
Mobile Networks Settings 283
Virtual Private Networks (VPN) 284
NFC Settings 293
Turn NFC On or Off 293
Android Beam Settings 294
S Beam Settings 295
Tap and Pay 297
Nearby Devices 299
Printing 301
Screen Mirroring 303
MirrorLink 304
Sounds and Notifications Settings 305
Display Settings 308
Wallpaper Settings 310
Lock Screen Settings 311
Screen Lock 311
Disable the Screen Lock 317
Lock Screen Options 318
Multi Window Settings 320

Notification Panel Settings 321
Toolbox 322
One-handed Operation 323
Easy Mode 324
Accessibility Settings 325
Private Mode 329
Finger Scanner 330
Motions and Gestures 331
Air View 332
Accounts 333
Cloud Settings 335
Backup and Reset 336
Language and Input Settings 339
Date and Time Settings 343
Safety Assistance 345
Accessories 346
Battery Settings 347
Power Saving Settings 348
Storage Settings 350
    microSD Card 352
Security Settings 356
Help 358
Activate This Device 358
System Update 359
About Device 360
Application Manager 362
Default Applications 363
    Home Settings 364
Calendar Settings 365
Call Settings 366
Contacts Settings 368
Email Settings 369
Gallery Settings 373
Internet Settings 374
Messages Settings 377

S Voice Settings 379
Copyright Information 381
For Assistance 382
Troubleshooting 382
Virgin Mobile Account Information and Help 383
Index 384

Introduction

The following topics describe the basics of using this guide and your new phone.

About the User Guide

Thank you for purchasing your new Galaxy S5. The following topics explain how best to use this guide to get the most out of your phone.

Before Using Your Phone

Read Get Started and Basic Operations thoroughly for proper usage.

Accessible services may be limited by subscription contract conditions.

Descriptions in the User Guide

Note that most descriptions in this guide are based on your phone's setup at the time of purchase. Unless otherwise noted, instructions begin from the phone's Home screen, which is displayed by pressing the **Home Key** . Some operation descriptions may be simplified.

Screenshots and Key Labels

Screenshots in the user guide may appear differently on your phone. Key labels in the user guide are simplified for description purposes and differ from your phone's display.

Other Notations

In the user guide, the phone may be referred to either as “phone,” “device,” or “handset.” A microSD™ or microSDHC™ card is referred to as an “SD Card” or a “memory card.”

Get Started

The following topics give you all the information you need to set up your phone and wireless service the first time.

Phone Layout

The following illustration outlines your phone's primary external features and buttons.

Part	Description
Earpiece	Lets you hear the caller and automated prompts.
Proximity and Light Sensor	Detects how close an object is to the surface of the screen. This is typically used to detect when your face is pressed up against the screen, such as during a phone call. While talking on the phone, the sensor detects talk activity and locks the keypad to prevent accidental key presses.
Front Camera	Takes pictures and records videos while facing the screen, and allows you to video conference.
Power/Lock Key	Lets you turn the phone on or off or turn the screen on or off, or switch your phone to silent mode, vibration mode, or airplane mode.

Part	Description
Back Key	Lets you return to the previous screen, or close a dialog box, options menu, the Notification panel, or onscreen keyboard.
Home Key	Returns you to the Home screen. Press and hold to open Google Search/Google Now.
Recent Apps Key	Access recently used apps.
Touchscreen	Displays all the information needed to operate your phone, such as the call status, the Contacts list, and the date and time. Also provides one-tap access to all of your features and applications.
Volume Key	Allows you to adjust the ringtone or media volume or adjust the voice volume during a call.
LED Indicator	The LED indicator blinks or glows when charging, to indicate low battery, to announce new notifications, and when voice recording.
Microphones	Transmits your voice for phone calls or records your voice or ambient sounds for voice recordings and videos.
Infrared Transmitter	Allows you to control other devices, such as a TV.
Heart Rate Sensor	Measures your heart rate when you hold your finger over the sensor, for use with apps like S Health®.
USB Charger/Accessory Port	Allows you to connect the phone charger or the USB cable (included).
Speaker	Lets you hear the different ringtones and sounds. The speaker also lets you hear the caller's voice in speakerphone mode.
Flash	Helps illuminate subjects in low-light environments when the camera is focusing and capturing a picture or video.
Camera	Lets you take pictures and videos.
3.5mm Headset Jack	Allows you to plug in either the stereo headset for convenient, hands-free conversations.

CAUTION! Inserting an accessory into the incorrect jack may damage the phone.

SIM Card

The SIM card contains your customer information.

Handling SIM Card

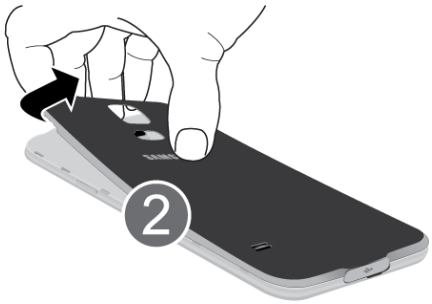
Keep the following in mind when handling a SIM card.

- Customer is responsible for any damage caused by inserting SIM Card in another-brand IC card reader, etc. The company is not responsible in such case.
- Always keep the IC chip clean.
- Wipe clean with a dry, soft cloth.
- Avoid applying labels. May damage SIM Card.
- See instructions included with SIM Card for handling.
- SIM Card is the property of the company.
- SIM Card is replaceable (at cost) in case of loss/damage.
- Return SIM Card to the company when cancelling subscription.
- Returned SIM Cards are recycled for environmental purposes.
- Note that SIM Card specifications and performance may change without notice.
- It is recommended that you keep a separate copy of information that is stored on SIM Card. The company is not responsible for damages from stored information that is lost.
- Always follow emergency procedures to suspend service if your SIM Card or phone (SIM Card inserted) is lost/stolen. For details, contact Customer Service.
- Always power off phone before inserting/removing SIM Card.

Insert SIM Card

Follow these instructions to insert a SIM card. Remember to power off your phone before inserting a SIM card.

1. Remove the back cover.



   - Lift gently in the direction shown.

2. Remove the battery.

   - Lift upward gently as shown.

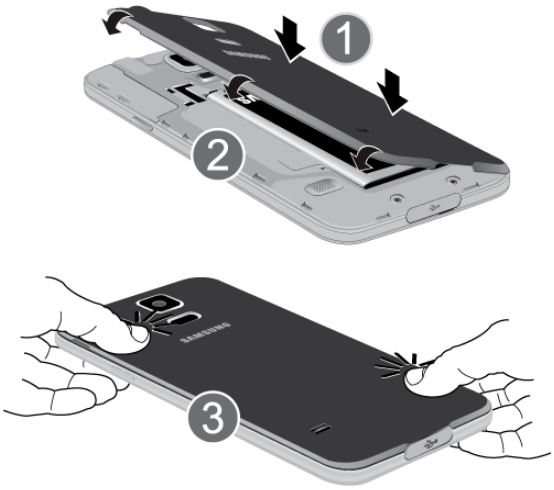
3. Insert SIM card.

   - Insert gently with gold IC chip facing downward.

4. Insert the battery.

   - Align the contacts of the battery with the contacts in the phone.

5. Attach the back cover.



   - Make sure all the tabs are secure and there are no gaps around the cover.

Important: Before closing the cover, check to see if there is any foreign substance such as dust or sand between the rubber on the back of the cover and the sealing area.

Note: Water-resistant and dustproof based on IP67 rating, which tests submersion up to 1 meter for up to 30 minutes. Not shockproof. Covers must be tightly closed.

Maintaining Water and Dust Resistance

This device is rated IP67 using the Ingress Protection rating system. The dust rating is 6 (highest level of protection) and the water resistance rating is 7 (water resistant up to 1 meter for up to 30 minutes). Despite this classification, your device is not impervious to water damage in any situation. It is important that all compartments are closed tightly.

Follow these tips carefully to prevent damage to the device.

- Whenever your device gets wet, dry it thoroughly with a clean, soft cloth.
- Do not expose the device to salt water or ionized water, or to water over 1 meter deep for more than 30 minutes. If your device is exposed to salt water, wash the device with fresh water then dry thoroughly with a clean, soft cloth. Otherwise, when it dries, salt may accumulate and block the microphone, earpiece, and speaker.

- When drying off your device, be sure to pat the earpiece (top front of phone), microphone (bottom of phone), and speaker (rear of phone) with a clean, soft cloth to remove as much water as possible.
- When making a call immediately after your device is wet, the microphone may have water in it which may lower the volume that the other person will hear. After drying off the device, allow the device to air-dry before making a call.
- The back and USB/Accessory Port covers may be loosened slightly if the device is dropped or receives an impact. Ensure that all the covers are properly aligned and tightly closed. Otherwise, they may not provide protection from water and dust.
- Always keep the USB/Accessory Port cover clean and be careful to avoid damaging it.

Note: The touch screen may not be active in water.

SD Card

Your phone supports the use of an optional SD card (not included) to expand its storage capacity. It supports cards up to 64 GB. Some cards may not operate properly with your phone.

⚠ SD Card Cautions

Data: Information stored on SD Card can become lost or changed accidently or as a result of damage. It is recommended that you keep a separate copy of important data. The company is not responsible for damages from data that is lost or changed.

Reading/Writing Data: Never power off or remove Battery while reading or writing data.

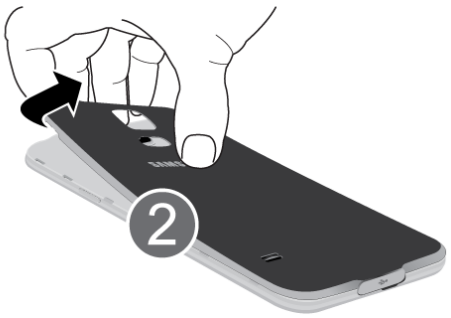
Battery Level: A low battery charge may prevent reading/writing to SD Card.

Handling SD Card: Use/store SD Cards away from the reach of infants. May cause choking if swallowed.

Insert SD Card

Follow these steps to insert an optional SD card (not included). Make sure to power your phone off before inserting or removing an SD card.

1. Remove the back cover.

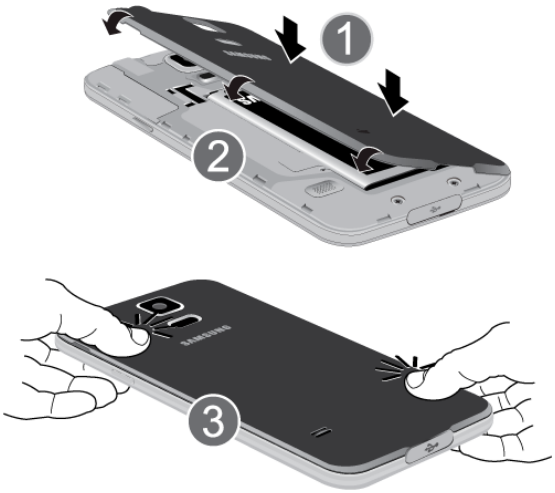


   - Lift gently in the direction shown.

2. Insert SD card.

   - Insert SD Card all the way gently without bending and with terminals facing down.
   - Insert only SD Cards.

3. Attach the back cover.

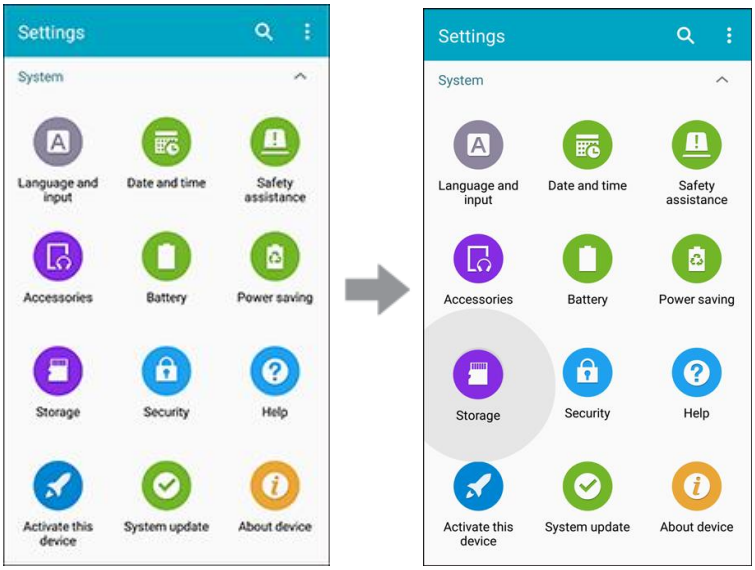


- Make sure all the tabs are secure and there are no gaps around the cover.

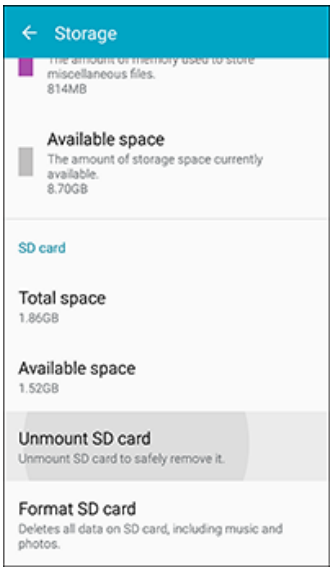
Unmount the SD Card

Always unmount the SD card before removing it from your phone.

1. From home, tap **Apps** > **Settings** > **Storage**.



2. Tap **Unmount SD Card** > **OK**.

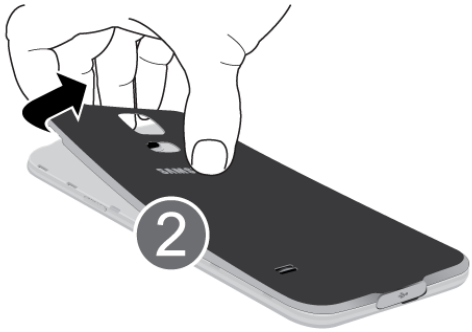


- ❖ The menu option name changes from **Unmount SD Card** to **Mount SD Card**. The card is now unmounted.

Remove SD Card

Follow these instructions to remove an SD card. Always power the phone off before inserting or removing an SD card.

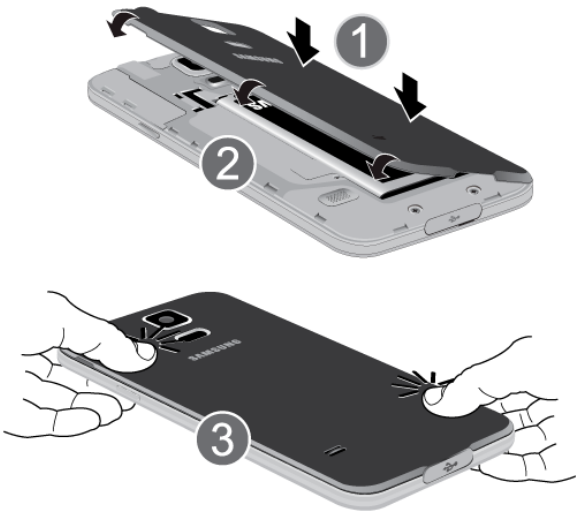
1. Remove the back cover.



- ▪ Lift gently in the direction shown.

2. Remove SD card.

3. Attach the back cover.

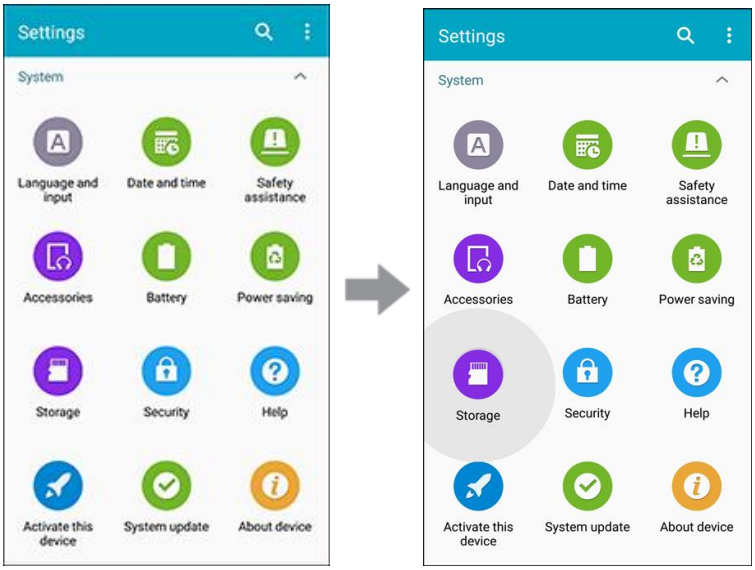


- Make sure all the tabs are secure and there are no gaps around the cover.

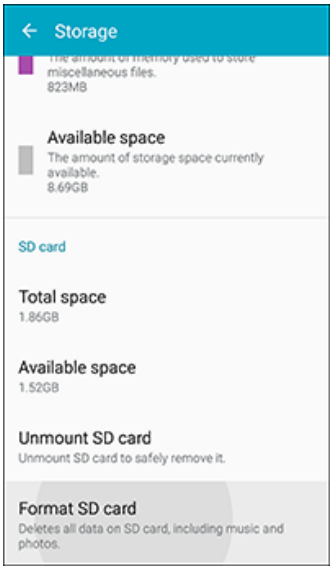
Format SD Card

When you insert an optional SD card for the first time, it is recommended that you format it on your phone.

1. From home, tap **Apps** > **Settings** > **Storage**.



2. Tap **Format SD Card**.



3. Tap **Format SD Card** again.

4. Tap **Delete all** to confirm.

- ❖ All data on the SD card is erased, and the card is formatted for use on your phone.

Battery Use

The following topics explain how to insert and remove your phone's battery.

⚠️ Battery Cautions

Storage: Avoid storing or leaving battery with no charge remaining. Saved information and settings may become lost or changed, or battery may become unusable. Charge once every six months before storing or leaving unused for a long period.

Bulges: Depending on use, bulges may appear near end of battery life. This does not affect safety.

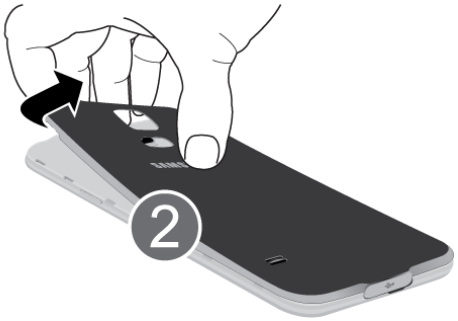
Replacing Battery: The battery is a consumable item. It needs to be replaced if operating time shortens noticeably. Purchase a new battery.

Cleaning: Clean soiled terminals between battery and phone with a clean, dry cotton swab. Soiled terminals can result in a poor connection and prevent charging, etc.

Insert the Battery

Follow these instructions to insert your phone's battery safely and properly.

1. Remove the back cover.

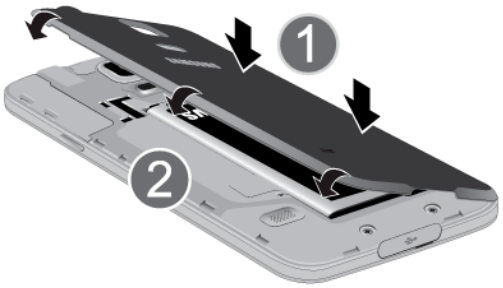


- Lift gently in the direction shown.

2. Insert the battery.

   - Align the contacts of the battery with the contacts in the phone.

3. Attach the back cover.

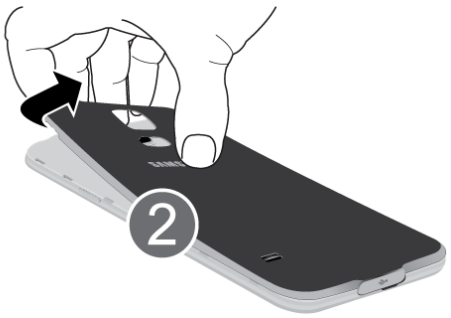


   - Make sure all the tabs are secure and there are no gaps around the cover.

Remove the Battery

Follow these instructions to remove your phone's battery. Always power the phone off before removing the battery.

1. Remove the back cover.

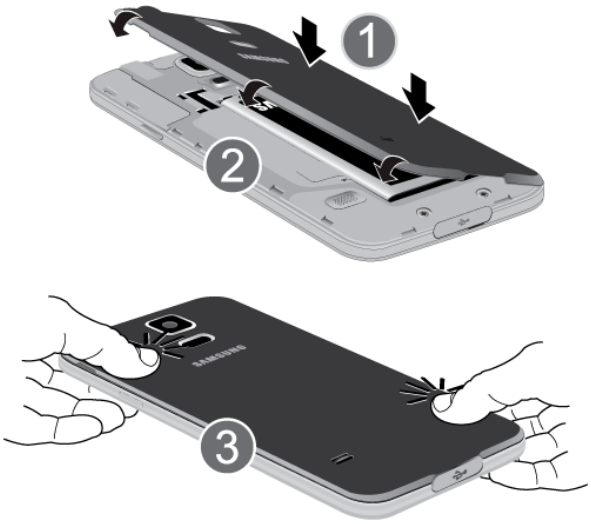


   - Lift gently in the direction shown.

2. Remove the battery.

   - Lift upward gently as shown.

3. Attach the back cover.



- Make sure all the tabs are secure and there are no gaps around the cover.

Charge the Battery

Follow these instructions to charge your phone's battery using either the included Charging Head or via a USB connection on your computer.

Charge Using the Charging Head

1. Plug the USB cable into the USB charger/accessory port on the bottom of your phone.

2. Plug the other end of the USB cable into the charging head.
3. Plug the charging head into an electrical outlet.

   ❖ The LED indicator illuminates when charging starts. The light goes off when the battery is fully charged. Fully charging a battery may take up to three hours.

4. After charging, disconnect the phone from the charger. Unplug the charging head from the outlet, and remove the USB cable from the phone and the AC adapter.

Charge Using a PC Connection

Before using a PC connection to charge your phone, ensure that the computer is turned on. Depending on the type of connection, your phone's battery may not charge.

1. Insert the small end of the USB cable into the USB Charger/Accessory port on the bottom of your phone.

2. Insert the large end of the USB cable into a USB port on your computer.
3. After charging, remove the USB cable from both the phone and the computer.

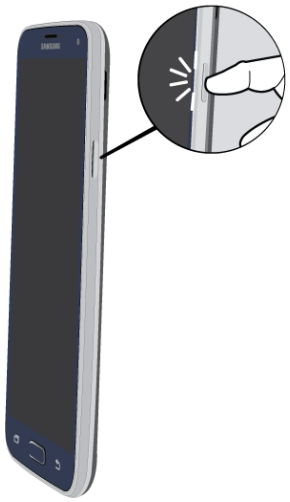
Note: Your phone supports USB 3.0 and USB 2.0, and includes a USB 3.0 cable for higher data transfer speeds when connected to another USB 3.0 device. You can also use USB 2.0 cables (not included) to charge and connect your phone.

Turn Your Phone On and Off

The instructions below explain how to turn your phone on and off.

Turn Your Phone On

- Press and hold the **Power/Lock Key**.

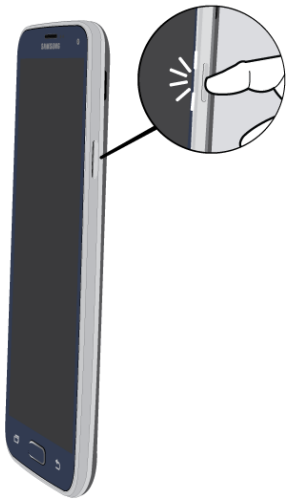


❖ Your phone will power on. Depending on the settings, you may see the Lock screen.

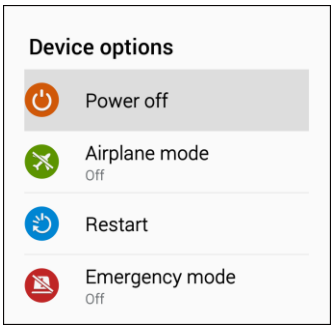
- See Lock and Unlock Your Screen and Screen Lock for information about using the screen lock.
- The first time you turn the phone on, you will see the startup screens. See Complete the Setup Screens for details.
- If your phone is not yet activated, see Activation and Service for more information.

Turn Your Phone Off

1. Press and hold the **Power/Lock Key** to open the phone options menu.



2. Tap **Power off** to turn the phone off.



❖ Your phone will power off.

Your screen remains blank while your phone is off (unless the battery is charging).

Use the Touchscreen

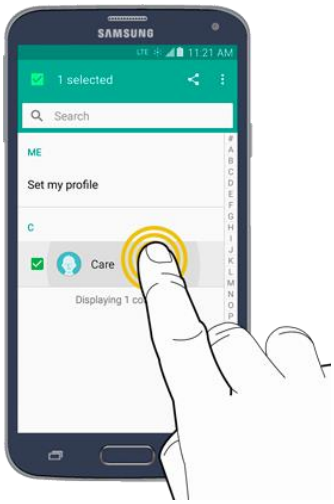
Your phone's touchscreen lets you control actions through a variety of touch gestures.

Tap or Touch

When you want to type using the onscreen keyboard, select items onscreen such as application and settings icons, or press onscreen buttons, simply tap or touch them with your finger.

Touch and Hold

To open the available options for an item (for example, a contact or link in a Web page), touch and hold the item.



Swipe or Slide

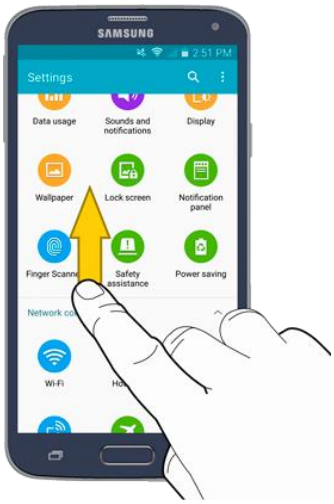
To swipe or slide means to quickly drag your finger vertically or horizontally across the screen.

Drag

To drag, press and hold your finger with some pressure before you start to move your finger. While dragging, do not release your finger until you have reached the target position.

Flick

Flicking the screen is similar to swiping, except that you need to swipe your finger in light, quick strokes. This finger gesture is always in a vertical direction, such as when flicking the contacts or message list.



Rotate

For most screens, you can automatically change the screen orientation from portrait to landscape by turning the phone sideways. When entering text, you can turn the phone sideways to bring up a bigger keyboard. See Touchscreen Keyboards for more details.

Note: The Auto-rotate check box needs to be selected for the screen orientation to automatically change. From home, tap **Apps** > **Settings** > **Display and wallpaper** > **Screen rotation**.

Tip: You can also access the screen rotation setting from the Notification panel. Pull down the Status bar and tap **Screen rotation** to select or deselect the option.

Pinch and Spread

“Pinch” the screen using your thumb and forefinger to zoom out or “spread” the screen to zoom in when viewing a picture or a Web page. (Move fingers inward to zoom out and outward to zoom in.)

Activation and Service

Before using your phone, you must set up an account with Virgin Mobile.

Starter Kit

A Starter Kit (sold separately) is needed to activate each new line of service. So if you’re activating a new phone for yourself, you’ll need a Starter Kit for your phone PLUS a Starter Kit for each additional new line you want to add to your account.

The Starter Kit only activates the phone and does not provide monthly service. You’ll need to pick a plan and Top-Up for monthly service.

If you are swapping/upgrading your phone on an existing Single Line or Multi-line Data Share plan, you do not need a Starter Kit. Call us at **844-326-1261** to change phones.

Helpful Tips Before You Get Started

- To create a new account with multiple lines, in the activation process select **CREATE NEW ACCOUNT** for the first phone only. For each additional line you want to add to the account, select **ADD TO EXISTING ACCOUNT**.
- When picking a plan, remember to select the plan that represents the number of lines that you want to add to the account.
- If you start out on a Single Line plan and decide to add lines to your account sometime in the future, your plan will adjust to meet your incremental needs.

Set Up Your Account

Once your phone is activated, you can set up your account. Your Virgin Mobile app should start automatically, but you can access it at any time by tapping **Virgin Mobile** from the phone's home screen.

Create a New Account

1. From home, tap **Virgin Mobile**.
2. After reviewing and accepting the Terms & Conditions, tap **CREATE NEW ACCOUNT**.
3. Enter your Activation Card PIN from your Starter Kit.

Note: You will need an Activation Card PIN when creating an account with a new phone.

4. Follow the easy onscreen instructions to complete your account setup, and then add any additional lines.

Add This Phone to an Existing Account

You'll need the account holder's email and password to add this phone to an existing account.

1. From home, tap **Virgin Mobile**.
2. After reviewing and accepting the Terms & Conditions, tap **Add to Existing Account** and enter your Starter Kit Activation Card PIN – you'll need a Starter Kit for each new line you want to add to your account.
3. Follow the easy onscreen instructions to complete your phone setup and repeat these steps for each additional line you are adding.

Establish Your Number

When prompted, choose one of the following:

- Use the phone's existing phone number.
- Request a new phone number in your area code.
- Transfer your previous phone number to this phone.

To transfer your previous phone number, you'll need the following handy:

- Username and password from your previous carrier.
- A copy of a recent bill that contains:
  - Account Number.
  - Billing Address.

- The last 4 digits of your Social Security number.

  – or –

  Tax ID on the account.

  – or –

  PIN number.

To start your transfer:

1. Select **Transfer my number from another phone**.
2. Ensure the information you entered is correct and matches how it appears on your latest bill.
3. Submit the transfer request.
4. You will be informed along the way about your transfer. This may take several hours.

Note: When requesting a different number, you may need to reset your phone once the transfer is complete.

To reset your phone:

1. From home, tap **Phone** > **Keypad** tab to display the phone keypad.
2. Tap # # 7 PQRS 2 ABC 7 PQRS 8 TUV 6 MNO # to start the reset. Your phone will reboot a few times during this process.

Using Virgin Mobile

Learn More

After you have established your phone number, you will be presented with an onscreen tutorial. It will show you how easy it is to:

- Adjust your plan
- Manage devices on your account
- Use parental controls

Note: You can skip the tutorial and access it at any time by tapping in the upper right corner of the Virgin Mobile home screen.

Manage Your Service

Tap **Virgin Mobile** on your phone's home screen at any time to:

- Top Up your account
- Change your plan
- Manage your devices
- Browse special offers
- View account history

Additional Information

For more information about your Virgin Mobile account, as well as other Virgin Mobile services, visit us at: virginmobileusa.com.

Complete the Setup Screens

The setup screens help you set up certain features and preferences on your phone. Once your phone has been turned on, you will see a Welcome message. You can then complete the setup process.

Note: You may be able to complete the setup screens before your phone has been activated on your Virgin Mobile account.

Note: During or after setup, you may see a **Connections Optimizer** notice. Read the notice and tap **I Agree** to allow your phone to connect automatically to the best available data network, including Wi-Fi.

To turn Connections Optimizer off at any time, from home, tap **Apps** > **Settings** > **More networks** > **Mobile networks** > **Connections optimizer** and uncheck the box. See Connections Optimizer for details.

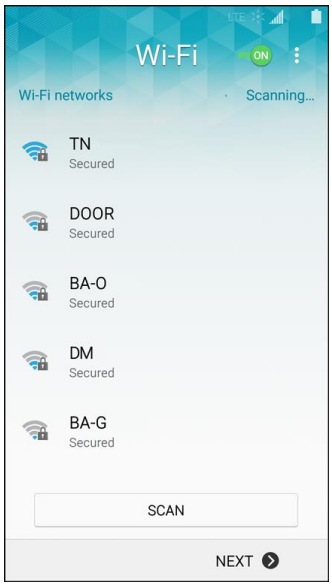
1. From the Welcome screen, select a language (if prompted) and tap **START** to get started.

   - To skip any section where permitted, tap **NEXT**.

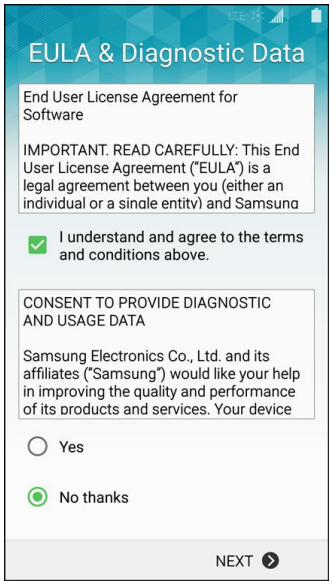
Note: On the Welcome screen, there may also be an **Accessibility** button. If you are visually impaired or hard of hearing, tap **Accessibility** to change the accessibility settings.

2. Follow the onscreen instructions to complete each section. For each topic, you will have the option to skip it and continue to the next screen.

   - **Wi-Fi** – If prompted, follow the prompts to sign in to an available Wi-Fi network. For secured Wi-Fi networks, you will need to enter a password. See Wi-Fi for more details.



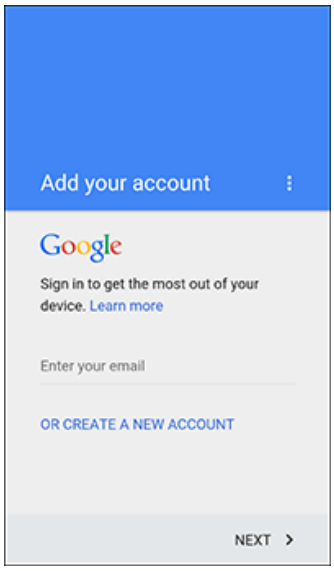
- **End User License Agreement** – Read this document carefully, and then **tap I understand and agree to the terms and conditions above**. If you wish to send Samsung error data to help improve your phone, tap **Yes**. Tap **NEXT** to continue.


EULA & Diagnostic Data
End User License Agreement for Software
IMPORTANT. READ CAREFULLY: This End User License Agreement ("EULA") is a legal agreement between you (either an individual or a single entity) and Samsung
I understand and agree to the terms and conditions above.
CONSENT TO PROVIDE DIAGNOSTIC AND USAGE DATA
Samsung Electronics Co., Ltd. and its affiliates ("Samsung") would like your help in improving the quality and performance of its products and services. Your device
Yes
No thanks
NEXT

- **Tap & Go** – Quickly copy Google accounts, backed up apps and data from an existing Android device. Follow the instructions onscreen to transfer data from your existing Android device, or tap **SKIP** to skip this step.

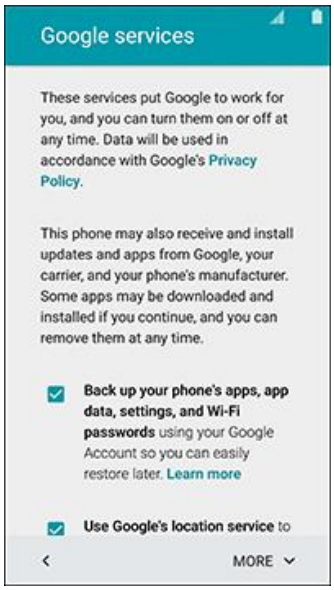
Tap & Go
Quickly copy any Google Accounts, backed up apps and data from your existing Android device. To copy:
1. Make sure your other device is on and unlocked.
2. Briefly place the two devices back-to-back until you hear a tone, then set aside.
Learn more
SKIP

- **Add your account (Google)** – A Google account provides you with a single account that can be used for Google services, including Gmail, Play Store, and Hangouts. You can enter an existing Google account, create a new account, or skip this step. Each option is described below:

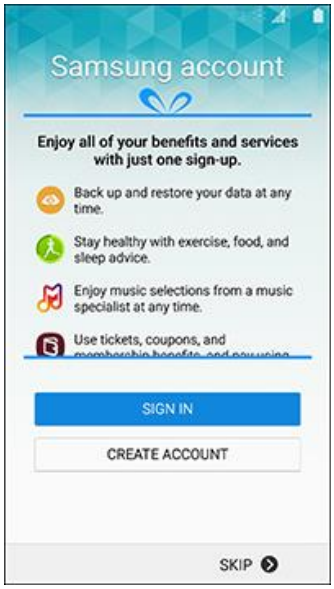


  - Enter an existing Google account: If you have an existing Google account, tap **Enter your email**, enter the email address associated with your Google account (usually a Gmail account), and then tap **NEXT**.
  - Create a new Google account: If you do not have a Google account, tap **OR CREATE A NEW ACCOUNT**. Follow the prompts to create an account user name and password.
  - Skip entering or creating a Google account: If you skip entering or creating a Google account, you are prompted to enter your name to personalize your phone. Enter your name and tap **NEXT**.

- **Google services** – Select your Google services options and then tap **NEXT**.


Google services
These services put Google to work for you, and you can turn them on or off at any time. Data will be used in accordance with Google's Privacy Policy.
This phone may also receive and install updates and apps from Google, your carrier, and your phone's manufacturer. Some apps may be downloaded and installed if you continue, and you can remove them at any time.
Back up your phone's apps, app data, settings, and Wi-Fi passwords using your Google Account so you can easily restore later. Learn more
Use Google's location service to
MORE

- **Samsung account** – Sign in to or create a new Samsung account for access to various Samsung apps and services such as GALAXY Apps.


Samsung account
Enjoy all of your benefits and services with just one sign-up.
Back up and restore your data at any time.
Stay healthy with exercise, food, and sleep advice.
Enjoy music selections from a music specialist at any time.
Use tickets, coupons, and
SIGN IN
CREATE ACCOUNT
SKIP

Note: If you entered or created a Google account earlier, then you have the option to sign in using your Google ID. If you skipped the Google account steps, then the Google ID option is not available on the Samsung account screen.

- **Dropbox** – Sign in to or create a new Dropbox account for access to cloud storage. If you do not want to set up Dropbox, tap **SKIP**.

Dropbox
Dropbox can automatically save your pictures and videos to the web and any computers you link it to.
Get a 50 GB Dropbox account for 2 years.
CREATE ACCOUNT
SIGN IN
Disclaimer
SKIP

3. Enter a name for your device (optional), and then tap **FINISH**. Your setup is now complete. Follow the onscreen instructions to learn about basic tap menu navigation, view tutorials, or just get started.

Samsung
GALAXY
Thank you!
Device name
Galaxy S5
Enter a device name to easily identify your device when using Bluetooth, Wi-Fi Direct, or tethering.
Easy mode
Use a simpler Home screen layout, and larger text and icons.
Learn more
Turn on Easy mode
FINISH

❖ Your phone is now set up for use. If you skipped any part of the setup, you can access additional options through the Apps screen or through Settings.

Note: You do not need to sign up for a Google Account to use your phone. However, to download apps from the Google Play Store app, you must link your phone to a Google Account.

Basic Operations

The following topics outline basic features and operations of your phone.

Basics

The following topics offer an overview of your phone's basic operations.

Home Screen and Applications (Apps) List

Most of your phone's operations originate from the Home screen or the apps list.

Home Screen Apps Screen

For information about using the Home screen, see Home Screen Basics.

Select Options and Navigate Screens

Tap icons, onscreen keys, and other items to open or activate the assigned function.

- Tap **Back** to return to the previous screen.

Menu Operations

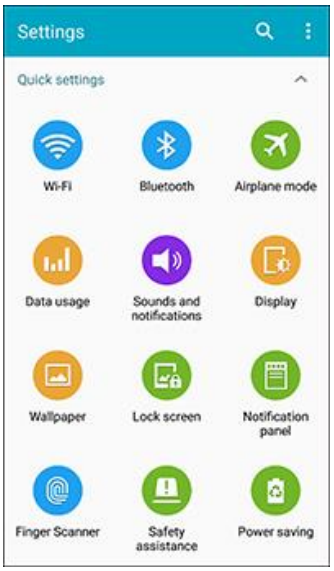
You can display options menus using More options, any app-specific menu icon, or by tapping and holding a screen area, depending on your current app.

- Tap **More options** to view available settings and options.

Phone Settings Menu

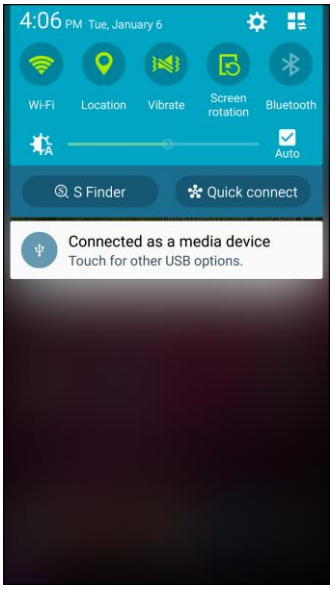
You can customize your phone's settings and options through the Settings menu.

- From home, tap **Apps** > **Settings** .



– or –

Drag the Notification panel down and tap **Settings** .



For more information, see Settings.

Portrait and Landscape Screen Orientation

The default orientation for your phone's screen is portrait (vertical), but many apps will change to landscape orientation (widescreen) when you rotate the phone sideways.

- Not all screens will adjust for landscape orientation.

Note: Screen rotation needs to be enabled for the screen orientation to automatically change. From home, tap **Apps** > **Settings** > **Display** > **Screen rotation**.

Tip: You can also access the screen rotation setting from the Notification panel. Pull down the Status bar and tap **Screen rotation** to select or deselect the option.

Capture Screenshots

You can use your phone's power and home keys to capture screenshots.

- Press and hold the **Power/Lock Key** and **Home Key** at the same time to capture a screenshot of the current screen.

  - The current screenshot will be captured and stored in the Screenshots album in the phone's Gallery. From home, tap **Apps** > **Gallery**.

Applications

The following topics describe how to access the applications (apps) list and launch apps on your phone.

Launch Applications

All installed apps can be accessed and launched from the apps list.

1. From home, tap **Apps** .

   ❖ The apps list opens.

2. Tap an app icon to launch the corresponding application.

   ❖ The application opens.

Apps List

The apps list expands to include any apps you download and install on your phone. The following table outlines the primary apps that have been preinstalled on your phone.

App	Function/Service
Amazon	Shop Amazon.com from your phone.
Calculator	Perform basic and advanced mathematical calculations.
Calendar	Use Calendar to create and manage events, meetings, and appointments, organize your time, and be reminded of important events.
Camera	Take pictures and record videos using the front and back cameras.

App	Function/Service
Chrome	Browse the Internet using Google's Chrome web browser.
Clock	Set alarms, view time in time zones around the world, use a stopwatch, set a timer, and use your phone as a desk clock.
Contacts	Store and manage contacts from a variety of sources, including contacts you enter and save directly in your phone as well as contacts synchronized with your Google account, compatible email programs (including Exchange Server), and your Facebook friends.
Drive	Store, sync, and access your data across multiple devices with Google Drive's cloud storage.
Dropbox	Bring your files with you when you're on the go, edit files in your Dropbox from your phone, upload photos and videos to Dropbox, and share your selected files freely with family and friends.
Email	Send and receive email from a variety of email service providers.
Flipboard	Access news stories, personal feeds and other related material. Flip through your Facebook newsfeed, tweets from your Twitter account, photos from friends and much more.
Gallery	View and edit pictures and watch videos that you've taken with your phone's camera or downloaded.
Gmail	Send and receive messages using Google's Gmail service.
Google	Search the Internet using Google Search.
Google Settings	Use Google Settings to manage your Google apps and account settings.
Google+	Instant message with your friends. Set up Circles of friends, visit the Stream to get updates from your Circles, use Hangouts for fast messaging with everyone in your Circles, or use Instant Upload to automatically upload videos and photos to your own private album on Google+.
Hangouts	Instant message with your friends and family using Google Hangouts.
Help	View help topics for using your phone.
Internet	Browse the Internet using a full-featured browser.

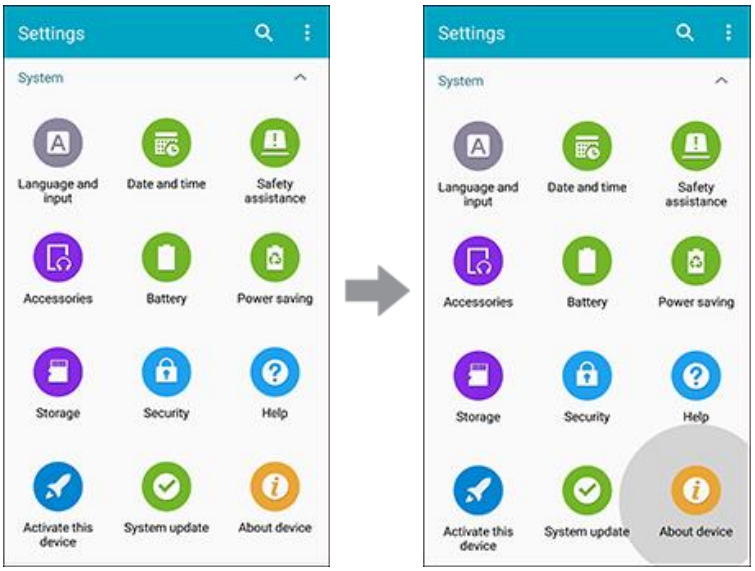
App	Function/Service
Maps	Use Google Maps to determine your current location with or without GPS, get driving and transit directions, and find phone numbers and addresses for local businesses.
Memo	Organize your life by creating, editing, and managing memos.
Messages	Send and receive text and multimedia messages.
Music	Use Music to browse your music library, play songs, and create playlists. You can also set songs as ringtones for incoming calls, or as alarm tones.
My Files	Manage your sounds, images, videos, Bluetooth files, Android files, and other data in one convenient location.
Next Radio	Listen to your favorite FM radio stations on the go with NextRadio. Tune in to any FM frequency in your area and listen to the radio without the hassle and cost of streaming music.
Phone	Make and receive phone calls.
Photos	View photos and videos on your phone, and sync them with your Google+ account.
Play Books	Discovering your favorite books and authors has never been easier. With Google Play Books, you can shop the world's largest selection of eBooks and read them anywhere you like.
Play Games	Google Play Games is the easiest way for you to discover new games, track achievements and scores, and play with friends around the world. It brings all of your gaming on Google Play together in a unified Android experience.
Play Movies & TV	Google Play Movies & TV allows you to watch movies and TV shows purchased on Google Play. You can stream instantly on your Android phone or download so you can watch from anywhere, even when you are not connected.
Play Music	Google Play Music lets you browse, shop, and play back songs purchased from the Google Play Store app, as well as songs you have loaded from your own music library. The music you choose is automatically stored in your Google Music library and instantly ready to play or download.
Play Newsstand	Discover your favorite newspapers and magazines in one app. Enjoy breaking news and in-depth articles featuring audio and video. From sports, business, cooking, entertainment, fashion and more in all in one place.

App	Function/Service
Play Store	The Google Play Store app is the place to go to find new Android apps, games, movies, music, and books for your phone. Choose from a wide variety of free and paid apps ranging from productivity apps to games.
POLARIS Office 5	Polaris Office lets you open, create, and edit Word documents, PowerPoint presentations, Excel spreadsheets, and text files. Polaris Office can also open Adobe® PDF (Portable Document Format) files.
S Health	S Health™ is a wellness application that can help you manage your health. Set fitness goals, check your progress, and keep track of your overall health.
S Voice	S Voice™ is a voice recognition application you can use to activate a wide variety of functions on your phone.
Samsung Apps	Discover exciting new applications from the Samsung Apps store.
Settings	Configure settings and options on your phone.
Smart Remote	Use your phone to control your TV, Set-top box, DVR, Stereos, and other electronic devices.
Uber	Search and find transportation service using the Uber app. Request a ride and get picked up within minutes.
Video	View videos on your phone.
Virgin Mobile	Access your Virgin Mobile account.
Voice Recorder	Record voice memos and share them with others.
Voice Search	Search the Internet and your phone using voice commands.
Voicemail	Visual Voicemail gives you a quick and easy way to access your voicemail. Now you can find exactly the message you are looking for without having to listen to every voicemail message first.
YouTube	YouTube is a video sharing website where users can upload and share videos. The site is used to display a wide variety of user-generated video content, including movie and TV clips, music videos, video blogging, informational shorts, and other original videos.

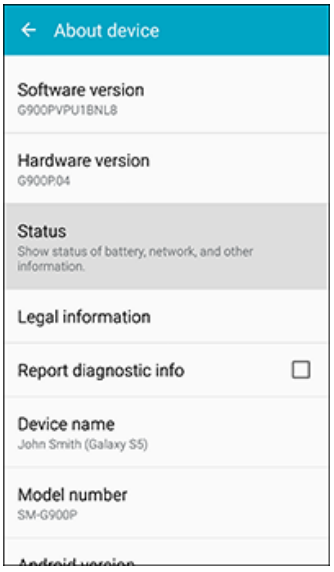
Phone Number

Follow the instructions below to display your phone's wireless phone number.

1. From home, tap **Apps** > **Settings** > **About device**.



2. Tap **Status**.



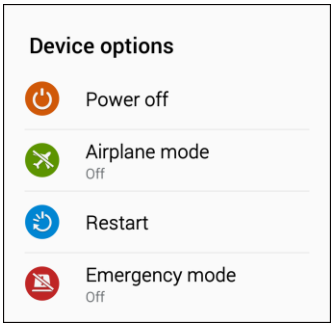
❖ You will see the number listed under **My phone number**.

Airplane Mode

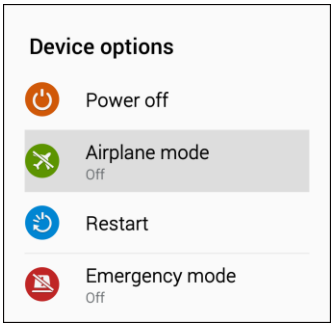
The following topics explain how to use your phone's Airplane Mode settings. Airplane mode turns off all functions that emit or receive signals, while leaving your phone on so you can use apps that don't require a signal or data.

To turn on airplane mode:

1. Press and hold the **Power/Lock Key** to display the device options menu.



2. Tap **Airplane mode** > **TURN ON**.

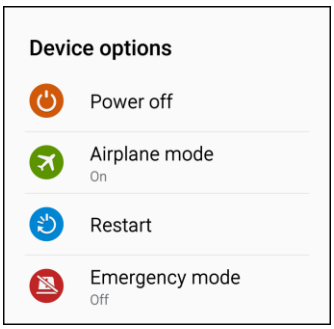


   - ❖ Your phone is now in airplane mode. You will see the airplane mode icon in the Status bar.

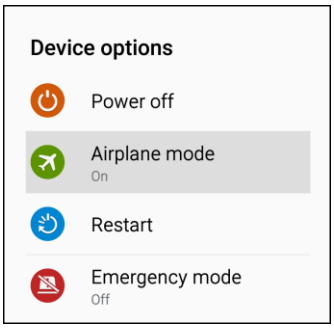
Tip: You can also access silent mode via the Notification panel. Drag the Status bar down to display the Notification panel, and then tap **Airplane mode** > **TURN ON**.

To turn off airplane mode:

1. Press and hold the **Power/Lock Key** to display the device options menu.



2. Tap **Airplane mode** > **TURN OFF**.



   - ❖ Your phone's wireless connection features are now restored.

Tip: You can also access silent mode via the Notification panel. Drag the Status bar down to display the Notification panel, and then tap **Airplane mode** ✈ > **TURN OFF**.

Enter Text

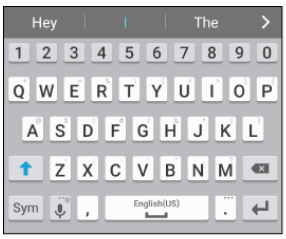
You can type on your phone using one of the available touchscreen keyboards or Google voice typing.

Touchscreen Keyboards

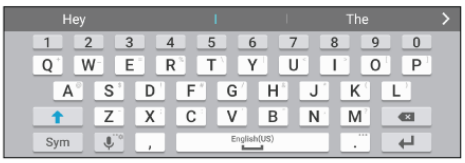
Use the touchscreen Samsung keyboard for entering text (see Samsung Keyboard). The keyboard appear automatically onscreen when you tap a text entry field, and can be used in either portrait or landscape mode. Use the Google Voice typing option to enter text using your voice (see Google Voice Typing for details). Use the Swype keyboard to enter text by sliding your finger between letters (see Swype).

Samsung Keyboard

The Samsung keyboard offers a traditional QWERTY keyboard setup for entering text by tapping keys (like on a computer), along with enhancements and options that allow you to enter text faster and more accurately, such as continuous key input, personalized usage dictionaries, and more.



Portrait



Landscape

Assigning the Samsung Keyboard for Text Entry

If you have multiple text input methods installed on your device, you can select the Samsung keyboard to be your default text input method from Settings, or you can choose it at any time while entering text.

Note: The Samsung keyboard is the default text input method on your phone. Additional keyboards and input methods are available for download at the Google Play Store. See Google Play Store.

From Settings:

- From home, tap **Apps** > **Settings** > **Language and input** > **Default**, and then choose **Samsung keyboard**.

While entering text:

1. While entering text, drag down from the top of the screen to open the Notification panel.
2. Tap **Select keyboard**, and then choose **Samsung keyboard**.

Use Samsung Keyboard to Enter Text

- Tap keys to enter text. While entering text, use these options:
  - If you make a mistake, tap to delete incorrect characters. Touch and hold to delete a whole word or field.
  - Tap to change the case of the text (the arrow will turn blue). Tap twice to switch to all capitals (the key will turn blue).
  - Tap Sym to switch to a symbols keyboard, to enter symbols. There are two symbol keyboards.
  - Touch and hold to switch to Google Voice typing to enter text by speaking. See Google Voice Typing.
  - If you have more than one language selected in Samsung Keyboard settings, you can swipe your finger over English(US) to switch between languages.

Configure Samsung Keyboard

- From home, tap **Apps** > **Settings** > **Language and input**, and then tap beside **Samsung keyboard**.

Google Voice Typing

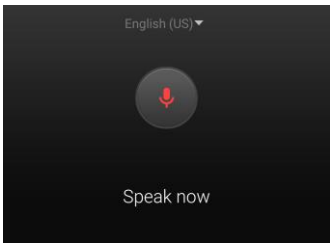
Google Voice typing uses Google voice recognition to convert speech to text.

Use Google Voice Typing to Enter Text

1. While entering text, drag down from the top of the screen to open the Notification panel, and then tap **Select keyboard** > **Google voice typing**.

   – or –

   Touch and hold from the Samsung keyboard or from the Swype keyboard.

2. Speak into the microphone and watch your text being entered onscreen.
3. If the text is incorrect, tap **DELETE**.
4. Once you have completed entering your text, tap . The onscreen keyboard will reappear.

Note: Select a language from the menu at the top of the **Listening** area. Tap **Add more languages** to assign a new language via the Google voice typing menu. Removing the check mark from the **Automatic** field allows you to select additional languages.

Configure Google Voice Typing

- From home, tap **Apps** > **Settings** > **Language and input**, and then tap beside **Google voice typing**.

Swype

Swype lets you enter words by tracing over the letters on the virtual QWERTY keyboard. Instead of tapping each key, use your finger to trace over each letter of a word. You can also tap letters to enter words.

Swype provides next-letter prediction and regional error correction, which can compensate for tapping the wrong keys.

Use Swype to Enter Text

1. From a screen where you can enter text, drag down from the top of the screen to open the Notification panel, and then tap **Select keyboard** > **Swype**.
2. Swipe your finger continuously over the letters to form a word. As you swipe over letters, words matching your pattern display at the top of the Swype keyboard. To enter a word, lift your finger, or tap a word at the top of the keyboard.

   For example, slide your finger between **t**-**h**-**i**-**s** to enter the word "**this**".

3. While entering text, use these options:
   - If you make a mistake, tap to delete a single character. Touch and hold to delete an entire word or field.
   - By default, Swype starts with a capital at the beginning of text. Tap to start with a capital letter, or tap twice to enter all capitals.
   - Tap ?123 to switch to a symbols keyboard, and then tap keys to enter symbols.

Configure Swype

- From home, tap **Apps** > **Settings** > **Language and input** > **Swype**.

  – or –

  From the Swype keyboard, touch and hold .

Tips for Editing Text

Your phone gives you many options to make entering text easier, including copying, cutting, and pasting text, using voice-to-text input, customizing the user dictionary, using predictive text, and more.

- **Select all**: Highlights all the text in the field.
- **Cut**: Removes the selected text and saves it to the clipboard.
- **Copy**: Copies the selected text to the clipboard.
- **Paste**: Insert the last copied or cut text into the current field.

Google Account

You will need a Google Account to access several phone features such as Gmail, Google Maps, Hangouts, and the Google Play applications. Before you are able to access Google applications, you must enter your account information. These applications sync between your phone and your online Google Account.

Google Account Cautions

Be sure not to forget your Google Account ID or password.

Create a Google Account

If you do not already have a Google Account, you can create one online or by using your phone.

Note: You can also create and sign into your Google/Gmail account through your phone's Setup application.

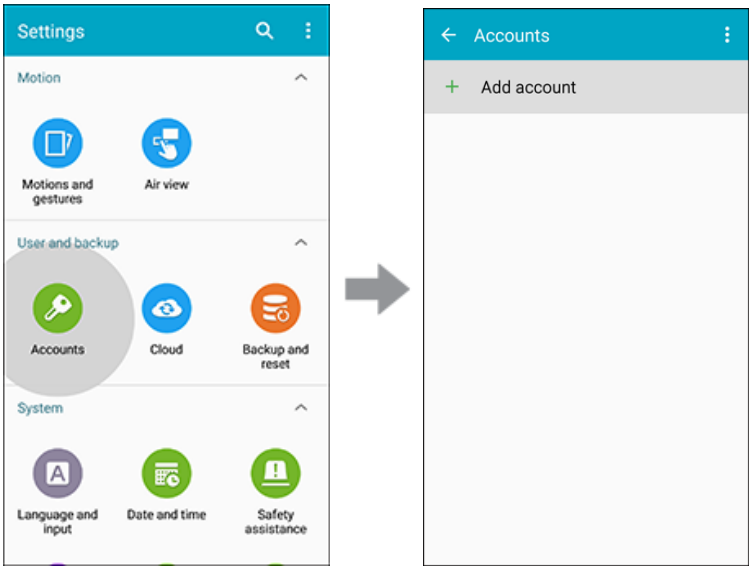
Note: Although you need a Gmail account to use certain features of your phone, such as Google Play, you do not need to use Gmail as the default account for your phone.

Create a Google Account Online

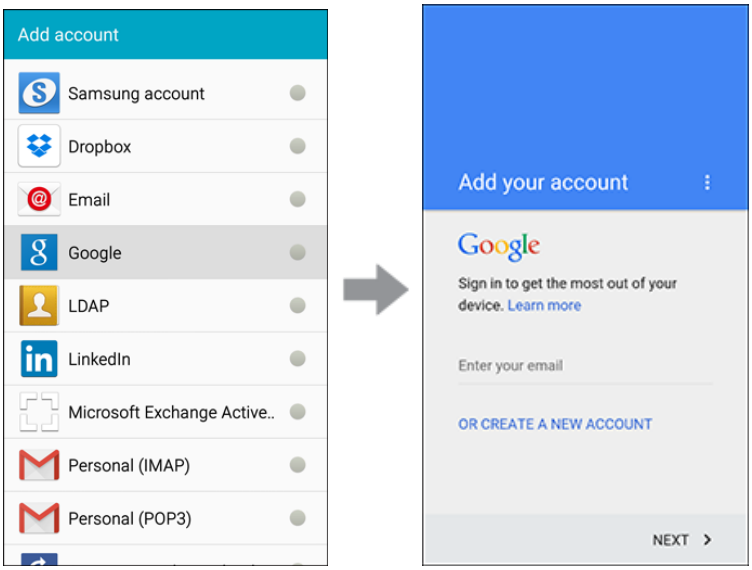
1. From a computer, launch a Web browser and navigate to google.com.
2. On the main page, click **Existing** or **New**.
3. Follow the onscreen prompts to create your free account.
4. Look for an email from Google in the email box you provided, and respond to the email to confirm and activate your new account.

Create a Google Account Using Your Phone

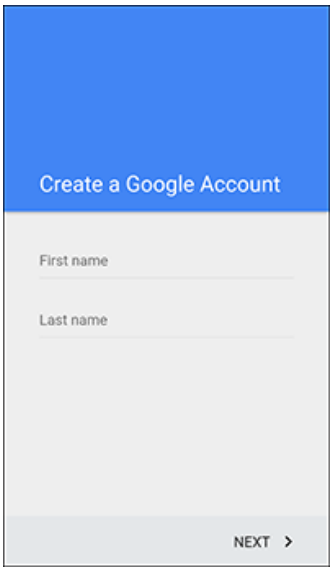
1. From home, tap **Apps** > **Settings** > **Accounts** > **Add account**.



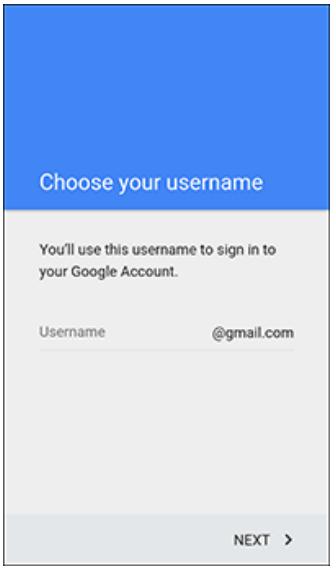
2. Tap **Google** and then tap **OR CREATE A NEW ACCOUNT**.



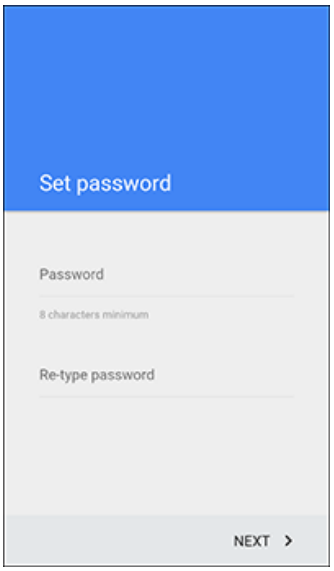
3. Enter your **First name** and **Last name**, and then tap **NEXT**.



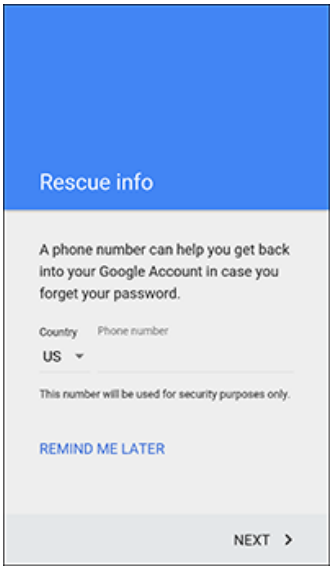
4. Enter a desired **Username**, and then tap **NEXT**.



5. When prompted, enter and reenter a password.

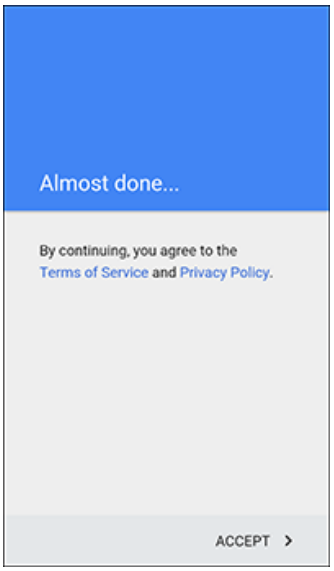


6. Enter a phone number to help you get back into your Google account in case you forget your password, and then tap **NEXT**. You can skip this step by tapping **REMIND ME LATER**.

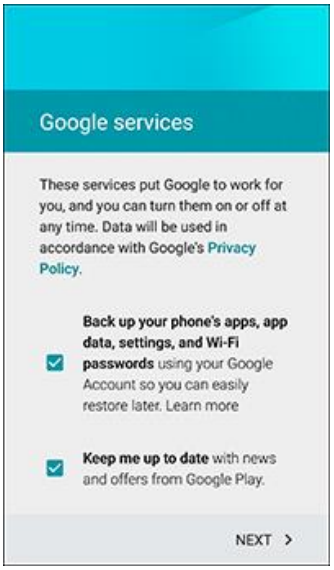

Rescue info
A phone number can help you get back into your Google Account in case you forget your password.
Country
Phone number
US
This number will be used for security purposes only.
REMIND ME LATER
NEXT

Note: When setting up a new Google Account, either on your phone or online, you will be prompted to add a secondary email address. Enter a second Gmail address or any other email address from which you currently send and receive email. This address is used to authenticate your account should you ever encounter problems or forget your password. It is strongly encouraged for Android users so you can regain access to Google services and purchases on your phone.

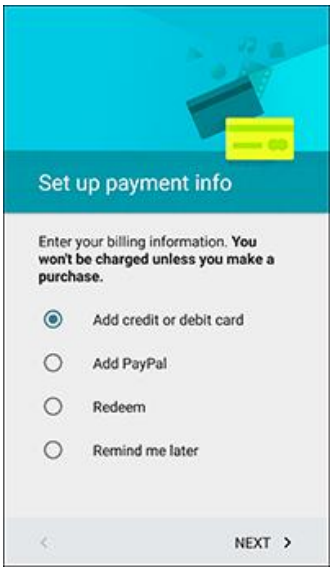
7. Read the Google Terms of Service and Privacy Policy, and then tap **ACCEPT**.



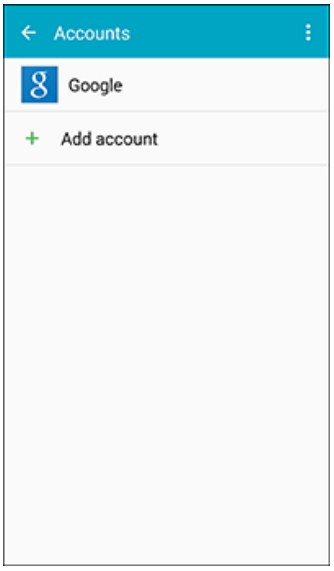
8. A confirmation screen appears with your name and new email address. Tap **NEXT** to continue.
9. Select or remove Google services you want, and then tap **NEXT**.


Google services
These services put Google to work for you, and you can turn them on or off at any time. Data will be used in accordance with Google's Privacy Policy.
Back up your phone's apps, app data, settings, and Wi-Fi passwords using your Google Account so you can easily restore later. Learn more
Keep me up to date with news and offers from Google Play.
NEXT

10. Set up payment information or select **Remind me later**, and then tap **NEXT**.


Set up payment info
Enter your billing information. You won't be charged unless you make a purchase.
Add credit or debit card
Add PayPal
Redeem
Remind me later
NEXT

11. Your Google account is accessible on the Accounts page.

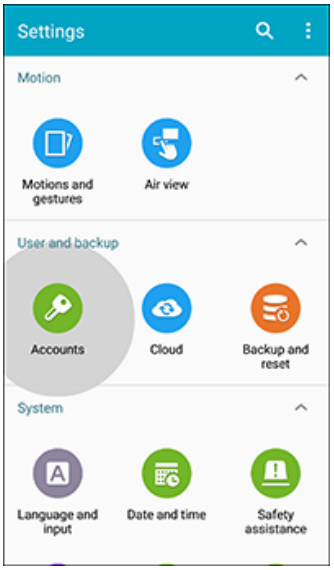


- ❖ You are signed in to your Google Account.

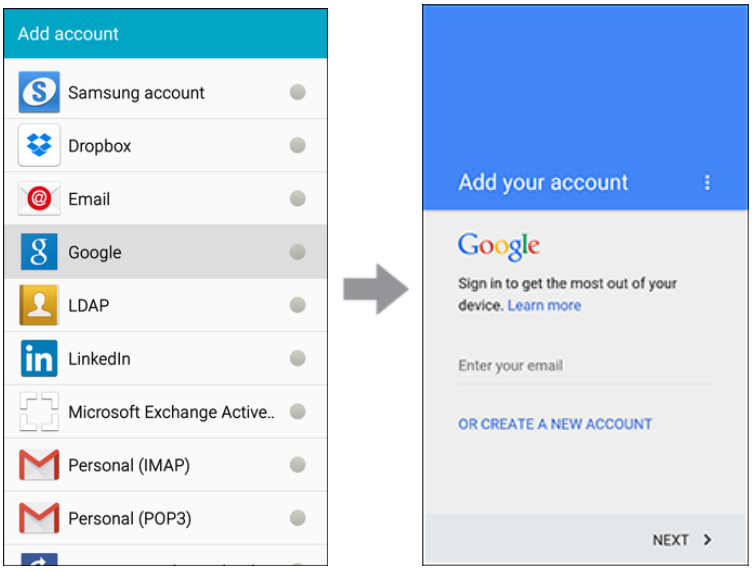
Sign In to Your Google Account

If you have a Google Account but have not yet signed in with your phone, follow these instructions to sign in to your Google Account.

1. From home, tap **Apps** > **Settings** > **Accounts**.

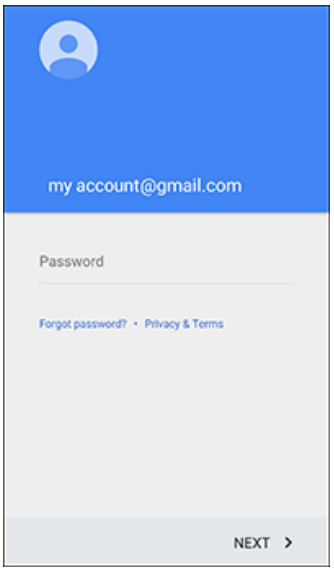


2. Tap **Google**.

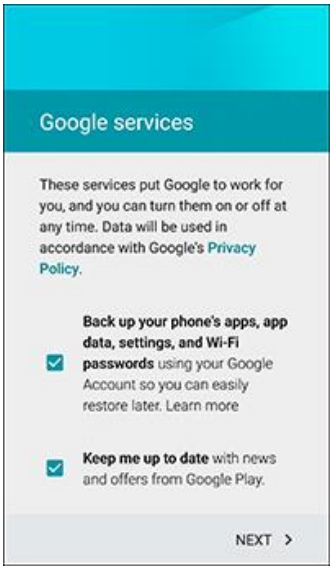


3. Enter your email address (Gmail), and then tap **NEXT**.

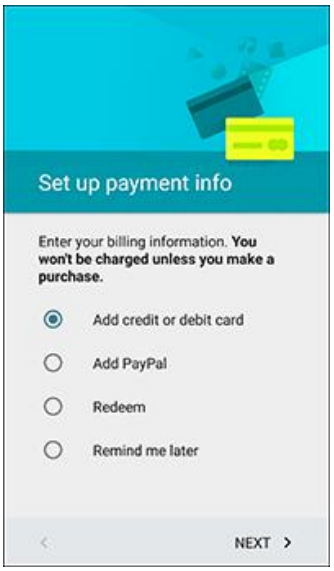
4. Enter your account password, and then tap **NEXT**.



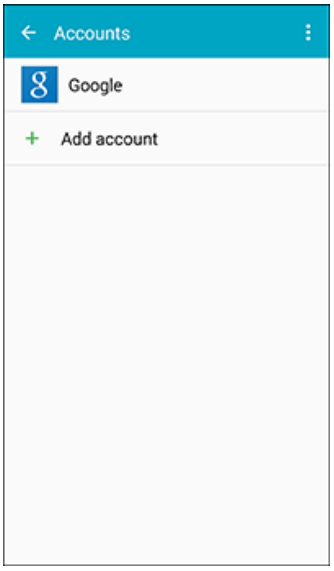
5. Select or remove Google services you want, and then tap **NEXT**.


Google services
These services put Google to work for you, and you can turn them on or off at any time. Data will be used in accordance with Google's Privacy Policy.
Back up your phone's apps, app data, settings, and Wi-Fi passwords using your Google Account so you can easily restore later. Learn more
Keep me up to date with news and offers from Google Play.
NEXT

6. Set up payment information or select **Remind me later**, and then tap **NEXT**.


Set up payment info
Enter your billing information. You won't be charged unless you make a purchase.
Add credit or debit card
Add PayPal
Redeem
Remind me later
NEXT

7. Your Google account is accessible on the Accounts page.



❖ You are now signed in to your Google Account, and your phone will start synchronizing with your Google Account.

Google Play Store

Google Play™ is the place to go to find new Android apps, books, movies, and music for your phone. Choose from a wide variety of free and paid content ranging from productivity apps and games to bestselling books and blockbuster movies and music. When you find what you want, you can easily download and install it on your phone.

To access the Google Play store app, you must first connect to the Internet using your phone's Wi-Fi or mobile data connection and sign in to your Google Account. See Browser and Sign In to Your Google Account for details.

Installing Applications

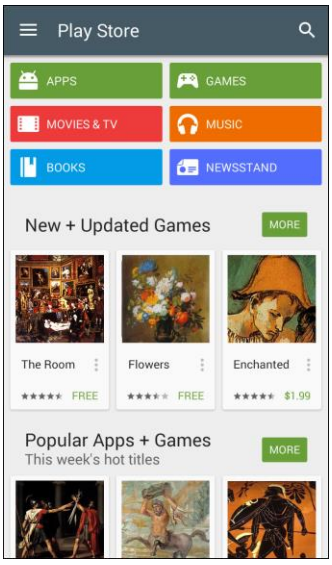
Many different kinds of applications can be installed on your phone from Google Play (provided by Google Inc.). The company is not responsible in any way for user-installed applications (quality, reliability, legality, fitness for a purpose, credibility, accuracy, etc.) or resulting malfunctions (viruses, etc.).

Important: Our policies often do not apply to third-party applications. Third-party applications may access your personal information or require us to disclose your customer information to the third-party application provider. To find out how a third-party application will collect, access, use, or disclose your personal information, check the application provider's policies, which can usually be found on their website. If you aren't comfortable with the third-party application's policies, don't use the application.

Find and Install an App

When you install apps from Google Play app and use them on your phone, they may require access to your personal information (such as your location, contact data, and more) or access to certain functions or settings of your phone. Download and install only apps that you trust.

1. From home, tap **Apps** > **Play Store** .



2. When you open the Google Play store app for the first time, the Terms of Service window will appear. Tap **Accept** to continue.

3. Browse through the categories (**APPS**, **GAMES**, **MOVIES & TV**, **MUSIC**, **BOOKS**, or **NEWSSTAND**), find an item you are interested in, and tap the name.

   - Browse through featured apps. Scroll through the list of featured apps when you open Google Play.

   - Search for an app. Tap on the Google Play Home screen, enter the name or type of app you are looking for, and then tap on the keyboard.

4. Tap an app to read a description about the app and user reviews.

5. Tap **Install** (for free applications) or the price (for paid applications).

Note: You need a Google Wallet account to purchase items on Google Play. See Google Wallet to set up a Google Wallet account if you do not have one.

6. The subsequent screen notifies you whether the app will require access to your personal information or access to certain functions or settings of your phone. If you agree to the conditions, tap **ACCEPT** (for free apps) or **ACCEPT** and then **BUY** (for paid apps) to begin downloading and installing the app.

   - If you selected a paid application, after tapping **OK**, you are redirected to the Google Wallet screen to pay for the application before it's downloaded to your phone.

   ❖ The selected app is downloaded and installed on your phone.

Warning: **Read the notification carefully!** Be especially cautious with applications that have access to many functions or a significant amount of your data. Once you tap **OK** on this screen, you are responsible for the results of using this item on your phone.

Purchasing Applications

Purchase apps at your own risk. The company is not responsible for any disadvantage resulting for user or third parties.

Request a Refund for a Paid App

If you are not satisfied with an app, you can ask for a refund within 15 minutes of the purchase. Your credit card is not charged and the app is uninstalled from your phone.

If you change your mind, you can install the app again, but you can't request a refund a second time.

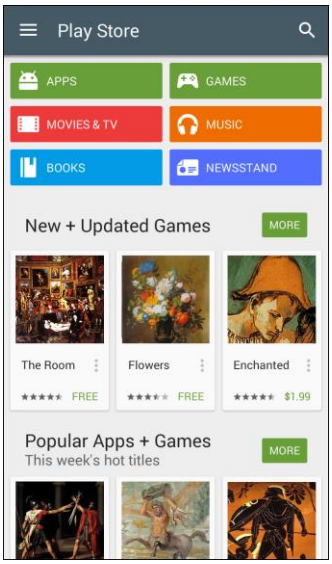
1. From home, tap **Apps** > **Play Store** .
2. Tap **Menu** > **My Apps**.
3. Tap the app to uninstall for a refund. The details screen for the app opens.
4. Tap **Refund**, and then tap **Yes** to confirm. Your app is uninstalled and the charge is cancelled.

Update an App

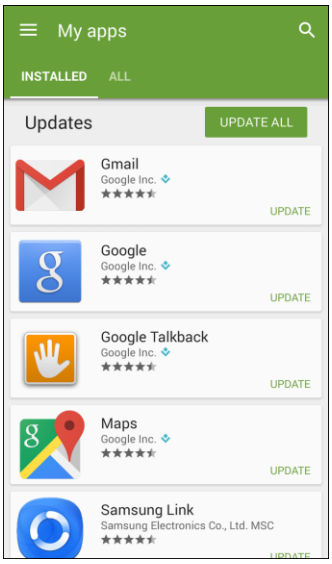
Depending on your settings, many apps will update automatically, or you can update apps directly from the Play Store app.

Update an App Directly

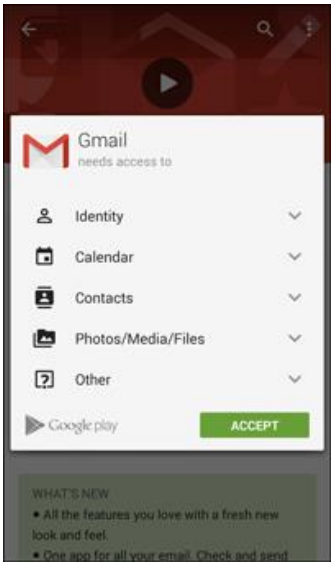
1. From home, tap **Apps** > **Play Store** .



2. Tap **Menu** > **My apps**.



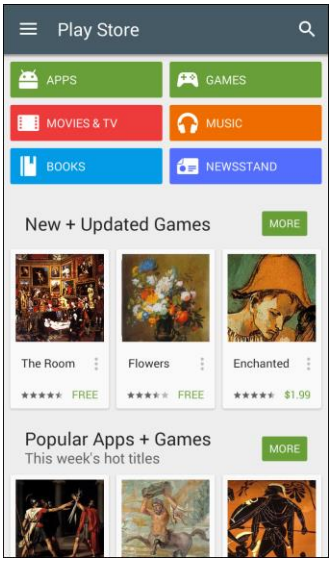
3. If updates are available, tap the app you want to update, and then tap **Update** > **Accept**.



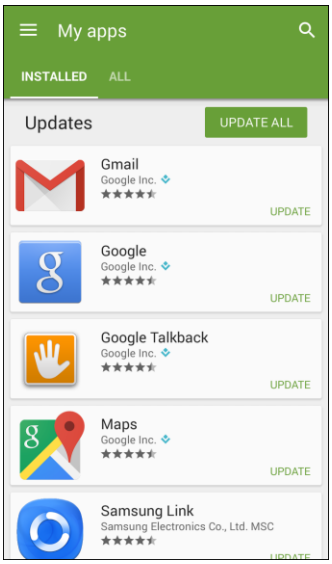
❖ The app update is downloaded and installed.

Set Automatic App Updates

1. From home, tap **Apps** > **Play Store** .



2. Tap **Menu** > **My apps**.



3. Tap the app you want to set for auto-update, and then tap **More options** > **Auto-update**.

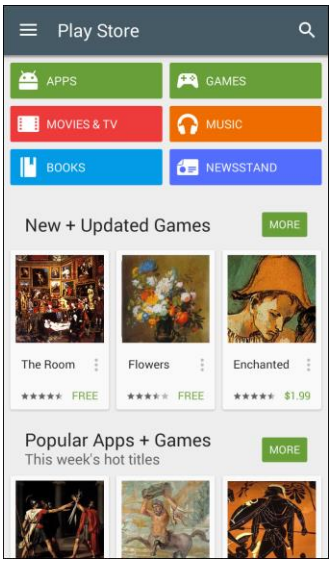
❖ The app is set to update automatically whenever an update becomes available.

Note: Automatic updates are unavailable for some apps.

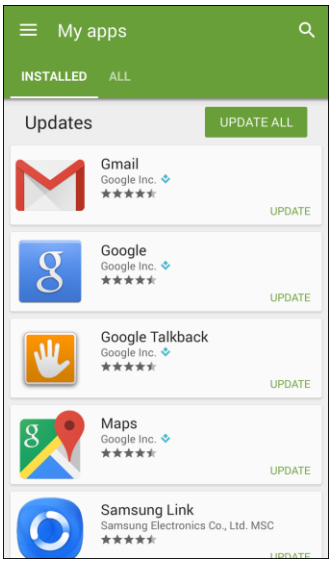
Uninstall an App

You can uninstall any app that you have downloaded and installed from Google Play.

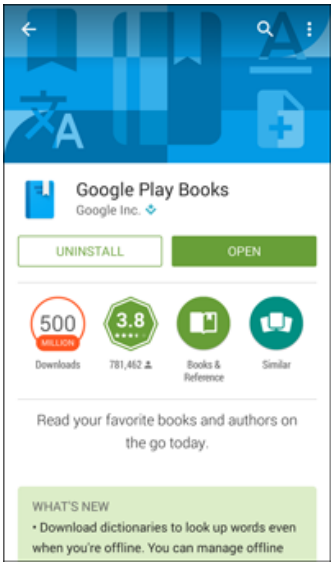
1. From home, tap **Apps** > **Play Store** .



2. Tap **Menu** > **My apps**.



3. On the Installed screen, tap the app you want to uninstall, and then tap **Uninstall** > **OK**.

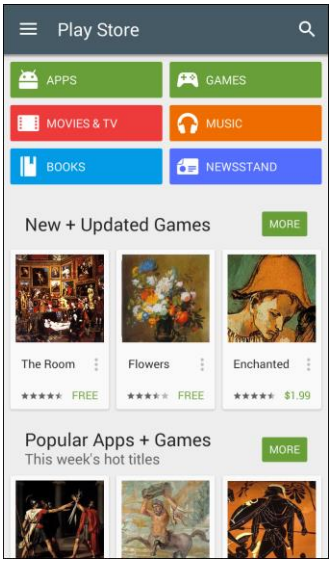


❖ The app is uninstalled and removed from your phone.

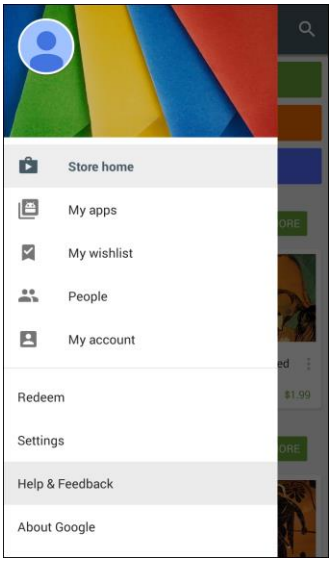
Get Help with Google Play

The Google Play store app offers an online help option if you have questions or want to know more about the app.

1. From home, tap **Apps** > **Play Store** .



2. Tap **Menu** > **Help & Feedback**.



- The Web browser will take you to the Google Play Help Web page, where you will find comprehensive, categorized information about Google Play.

Lock and Unlock Your Screen

Your phone allows you to quickly turn the screen off when not in use and to turn it back on and unlock it when you need it.

Turn the Screen Off When Not in Use

- To quickly turn the screen off, press the **Power/Lock Key**. Pressing the **Power/Lock Key** again or receiving an incoming call will turn on your phone screen and show the Lock screen.

To save battery power, the phone automatically turns off the screen after a certain period of time when you leave it idle. You will still be able to receive messages and calls while the phone's screen is off.

Note: For information on how to adjust the time before the screen turns off, see Display Settings.

Turn the Screen On and Unlock It

1. To turn the screen on, press the **Power/Lock Key**.

   - The Lock screen appears.

2. Swipe your finger across the screen to unlock it.

   - The screen is unlocked.

   - If you have set up a screen lock, you will be prompted to draw the pattern or enter the password or PIN. See Screen Lock.

Update Your Phone

From time to time, updates may become available for your phone. You can download and apply updates through the **Settings** > **System update** menu.

Software Update Cautions

During update: The phone cannot be used until the software update is complete. It may take time to update your phone's software.

Signal during update: Update your phone where signal reception is good, and do not change location during the update process. Make sure the battery is adequately charged before beginning an update. A weak signal or low battery during an update may cause the update to fail. An update failure may disable the phone.

Other functions during update: Other phone functions cannot be used during a software update.

Update Your Phone Software

You can update your phone's software using the **System update** option.

Before Updating Your Phone

Updating your phone may result in a loss of saved data depending on the condition of your phone (malfunctioning, damaged, water seepage, etc.). You must back up all critical information before updating your phone firmware.

Back Up All Data Prior to Update

To back up your Gmail information:

1. From home, tap **Apps** > **Settings** > **Accounts** > **Google**.
2. Tap the Auto-sync option to enable the feature (checkmark).
   - If the Auto-sync option is on, email, Calendar and Contacts automatically synchronize whenever a change is made.
   - If the Auto-sync option is off, tap the sync icon within the account field to reveal the account's synchronization settings screen.
3. Tap **More options** > **Sync now** to sync your Google Account information.

To back up your Exchange Mail information:

1. From home, tap **Apps** > **Settings** > **Accounts** > **Microsoft Exchange ActiveSync**.
2. Tap the sync icon within the Corporate account field to reveal the account's synchronization settings screen.
3. Toggle the onscreen checkmark to manually synchronize the desired parameters (Contacts or Calendar).

To back up your Google apps:

Your Google app purchases are reloaded remotely and can be re-installed after the update is applied.

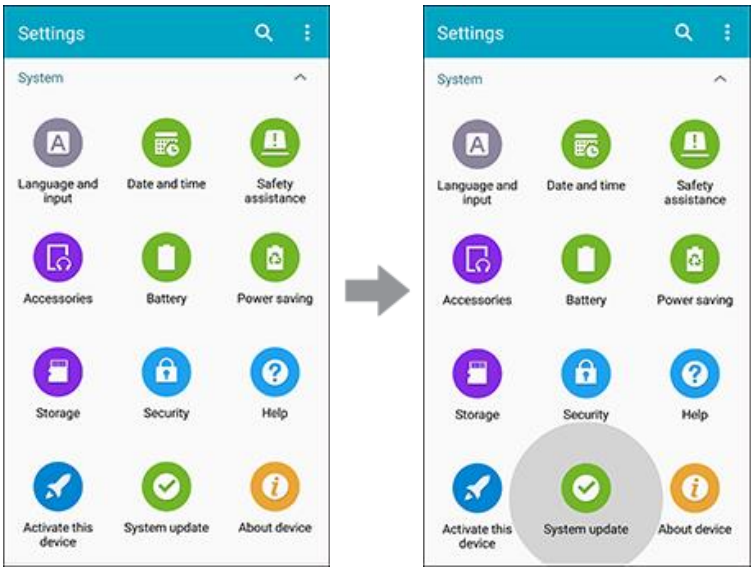
1. From home, tap **Apps** > **Play Store** .
2. Tap **Menu** > **My apps** > **All** tab.
3. Scroll through the list of previously downloaded Google apps and choose those you wish to reinstall.
4. Follow the onscreen instructions.

As an added precaution, to preserve any data on your microSD card (not included), please unmount it from your phone prior to starting the update process. From home, tap **Apps** > **Settings** > **Storage** > **Unmount SD card**.

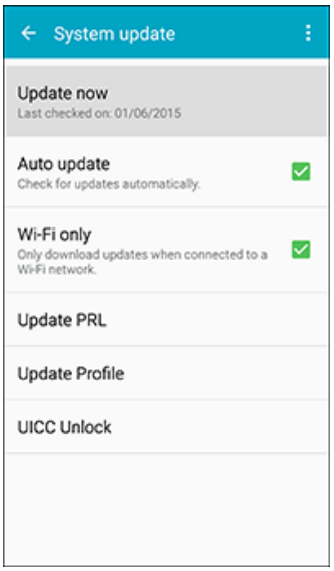
Update Your Phone's Software

Once you have backed up all your data, use the **Update now** option to update your phone's software.

1. From home, tap **Apps** > **Settings** > **System update**.



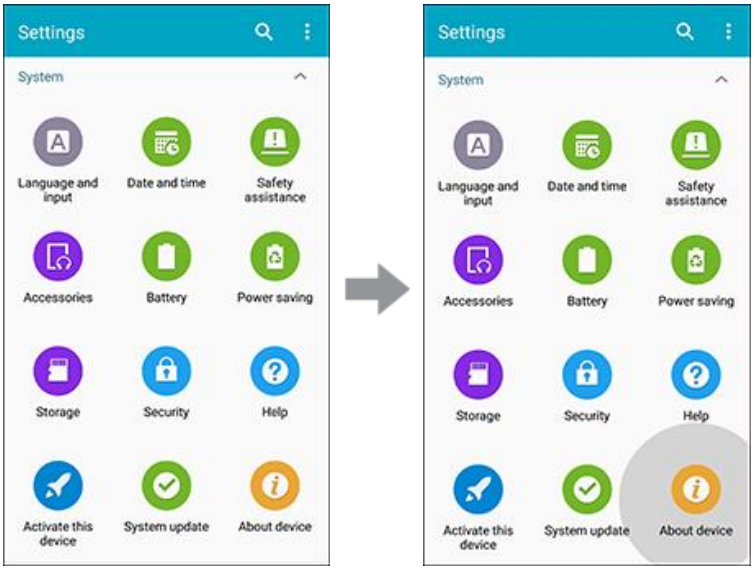
2. Tap **Update**.



- Your phone automatically downloads and installs any available updates. You may be required to power your phone off and back on to complete the software upgrade.

Confirm Your Current Phone Firmware

1. From home, tap **Apps** > **Settings** > **About device**.

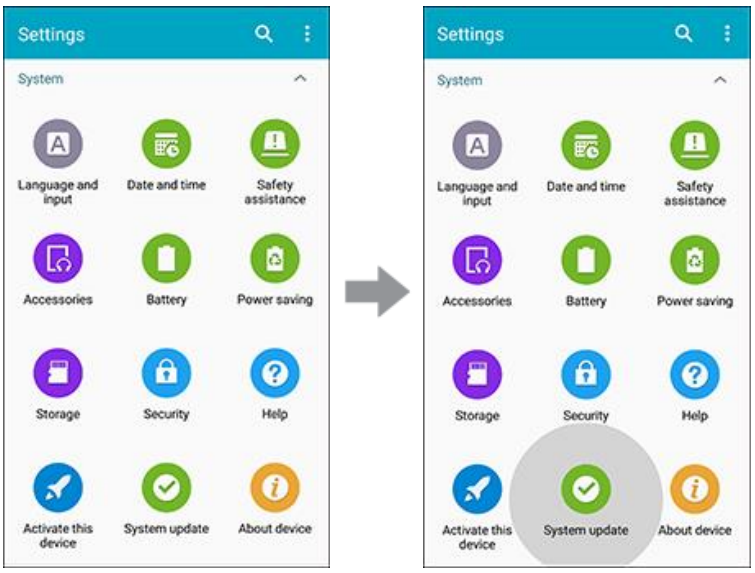


2. Locate the Baseband version read-only field.

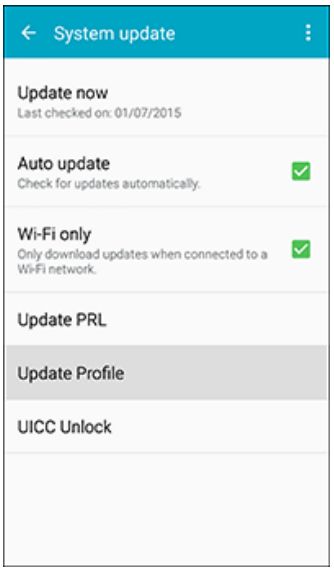
Update Your Profile

This option allows you to automatically update your online user profile information. If you change your user name and select a new one online, you must then update the user name on your phone.

1. From home, tap **Apps** > **Settings** > **System update**.



2. Tap **Update Profile**.



3. Follow the onscreen instructions.

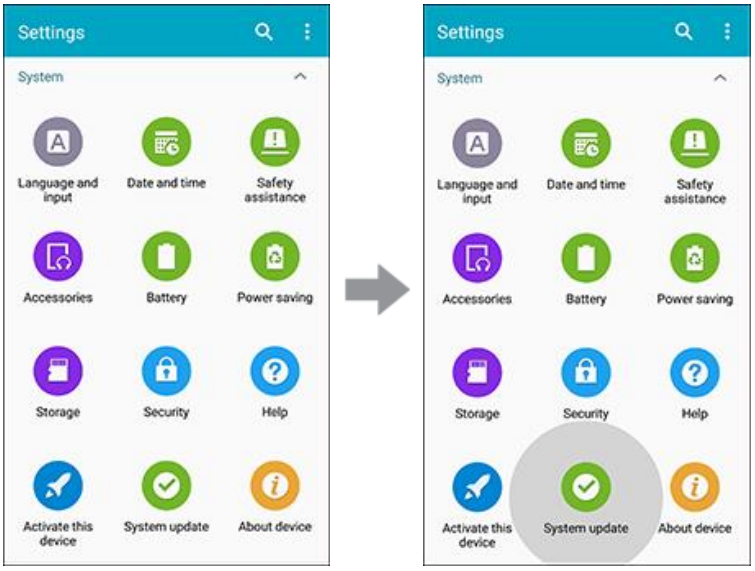
   ❖ The phone will download and install the profile update and you will see a confirmation when complete.

Note: If your data services or account syncing ever seems to go out unexpectedly, use this feature to reconnect with the network.

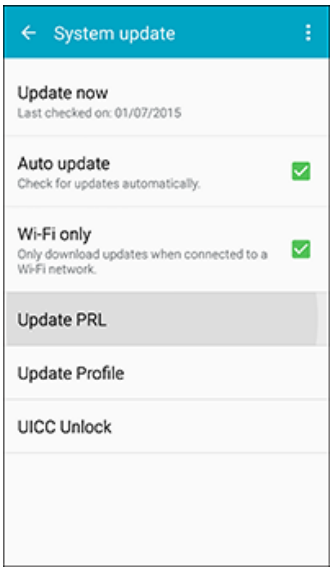
Update Your PRL

This option allows you to download and update the PRL (preferred roaming list) automatically.

1. From home, tap **Apps** > **Settings** > **System update**.



2. Tap **Update PRL**.



3. Follow the onscreen instructions.

   ❖ The phone will download and install the PRL update and you will see a confirmation when complete.

Your Phone Interface

The following topics describe how to use and customize your phone's Home screen, understand the Status bar, and use the Notification panel.

Home Screen Basics

The Home screen is the starting point for your phone's applications, functions, and menus. You can customize your Home screen by adding application icons, shortcuts, folders, widgets, and more.

Home Screen Layout

Your Home screen extends beyond the initial screen. Swipe the screen left or right to display additional screens.

Item	Description
Status Bar	The Status bar displays icons to notify you of your phone's status (on the right side) and notifications (on the left side).
Notification Area	The notification area of the Status bar (on the left) displays notifications for incoming messages, missed calls, application updates, and more.
Status Area	The status area of the Status bar (on the right) displays phone and service status information such as signal strength, battery status, Wi-Fi and data connectivity, ringer status, and time.
Widget	Widgets are self-contained onscreen apps that reside on your phone's Home screen.
Application Icons	Application icons are shortcuts to favorite applications. You can add and remove these shortcuts as you wish.
Primary Shortcuts	Primary shortcuts are application shortcuts that appear in the same location on all of your phone's Home screens. These are customizable except for the Applications (Apps) shortcut, which remains static.
Applications (Apps) List	Tap to open the applications (apps) list. The apps list key is a primary shortcut available from all Home screens.

Note: Your phone's Home screens cycle through so that you can keep swiping in one direction and make it back to the main Home screen. The small circles above the primary shortcuts let you know your current screen position.

Tip: Press **Home** to return to the main Home screen from any other screen.

Extended Home Screens

In addition to the main Home screen, your phone features extended Home screens to provide more space for adding icons, widgets, and more. Press **Home** to display the main Home screen and then drag across the screen to move from the main screen to an extended screen.

There are up to four extended screens available in addition to the main Home screen.

- Swipe left or right to go to an extended Home screen.
- While on an extended screen, press **Home** to return to the main Home screen.

Status Bar

The Status bar at the top of the Home screen provides phone and service status information on the right side and notification alerts on the left. To view the Notification panel or access the quick settings menu, tap the Status bar and drag it down.

Status Bar Layout

Main Notification Icons

Icon	Notification
	Missed call
	New voicemail
	New email
	New Gmail
	New text or MMS message

Icon	Notification
	New Hangout message
	Event
	USB connection
	Alarm
	Warning
	Update available
	Update downloading
	Update successful
	Keyboard active
	More notifications available (drag down to view)

Main Status Icons

Icon	Status
	Bluetooth® active
	GPS active
	Wi-Fi® active
	Downloading
	Vibrate
	Speakerphone active
	Network (full signal)
	Network (roaming)

Icon	Status
LTE	Enhanced 4G LTE data service
3G	3G (data service)
	Airplane mode
	Sync active
	Battery (charging)
	Battery (full charge)

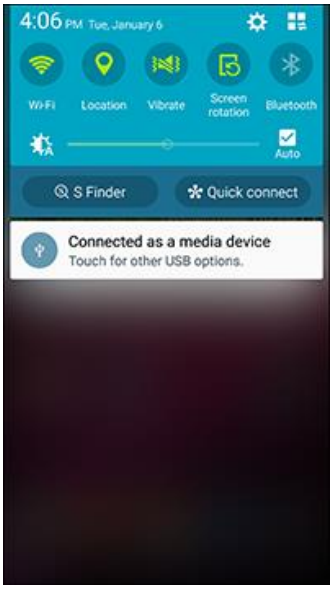
Note: Additional notification icons may appear. All notifications may be accessed through the Notification Panel.

Notifications Panel

Drag the Status bar down to open the Notification panel. From there, you can check notifications, download updates, open messaging apps, use the quick settings menu, and more.

Open the Notifications Panel

- Drag the Status bar down. (Slide your finger down from the top of the screen.)



  - The Notifications Panel opens. To check notifications, tap an item in the list.

Close the Notifications Panel

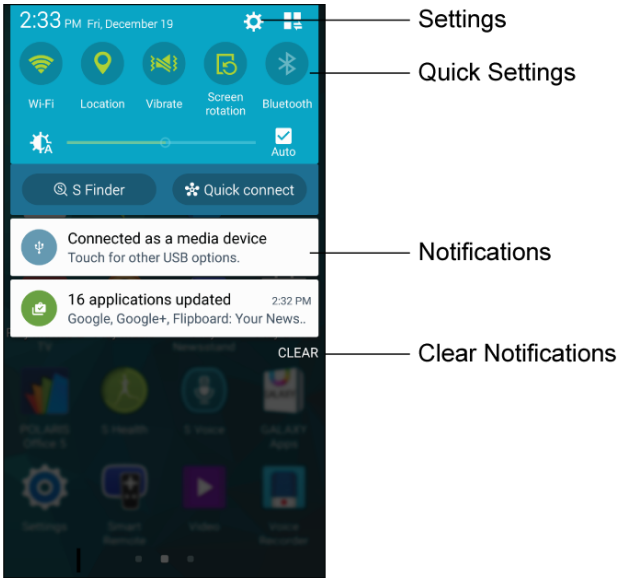
- Drag the Notification panel up. (Slide your finger up from the bottom of the screen.)

  – or –

  Tap **Back** to close the Notification panel.

Notifications Panel Layout

The Notification panel gives you access both to notifications and the quick settings menu.



Multi Window

Multi Window allows you to use two apps on the same screen, in separate, resizable windows.

Turn Multi Window On or Off

Turn Multi window on or off in Settings.

1. From home, tap **Apps** > **Settings** > **Multi window**.
2. Tap the **ON/OFF** switch to enable or disable the option.

Display Multi Window

After you turn Multi window on in Settings, you can control whether the Multi window tray displays on the screen, for easy access to its features.

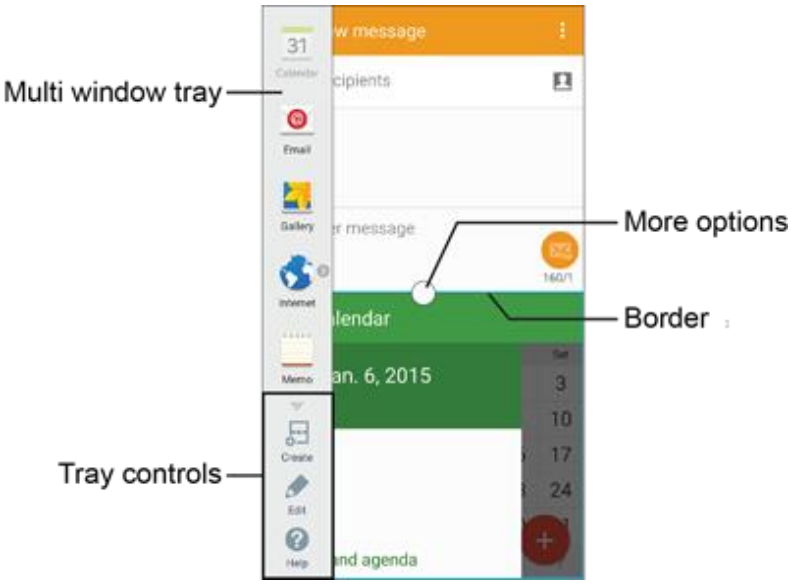
By default, the Multi window tray tab displays on the left side of the screen. You can drag the tab along the side of the screen, or tap the tab to open Multi Window, and then drag Multi window to the right side of the screen, or the bottom.

- To display the Multi window tab, touch and hold **Back** .

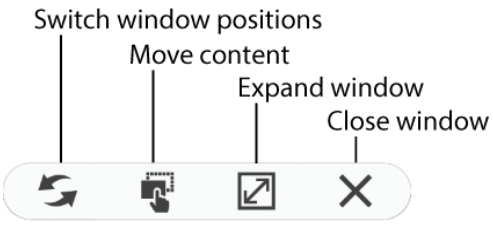
Work with Multi Window

After enabling Multi Window, you can use it to run two apps at the same time. You can launch apps from Multi window, or drag an app to the screen to run multiple apps at the same time.

The apps display together on a split screen. You can switch between the apps, adjust the size of their display on the screen, and copy information from one app to the other.



1. Tap the Multi window tab to display the tray, and then drag apps to the windows.
2. You can also use these Multi window options:
   - **Adjust the Size of Apps in Multi Window**: Drag the border between the windows to a new position.
   - Tap the circle at the center of the border between the windows to display the Multi window toolbar:



   - **Switch window positions**: Switches the position of the app windows on the screen.
   - **Move content**: Enables drag and drop. In selected apps, you can you can touch text in a window, or tap the window, and then drag to copy content to the app in the other window.
   - **Maximize window**: Maximize the active window to fill the entire screen.

- **Close window**: Closes the active window. The active window is the window you touched last.

Customize the Home Screen

Learn how to set the wallpaper and add, move, or remove shortcuts, widgets, and folders from the Home screen.

Operations for Rearranging the Home Screen

- **Moving Widgets and Icons**: From home, touch and hold an item and then drag it to the desired location.
- **Deleting Widgets and Icons**: From home, touch and hold an item and then drag it to **Remove** .
- **Displaying the Home Screen Menu**: From home, touch and hold an empty space to display the Home Screen menu. Menu options include Wallpapers, Widgets, and Themes.

Change the Wallpaper

Select and assign your phone's background wallpaper.

1. From home, touch and hold an empty space, and then tap **Wallpapers**.

- You can also access the wallpaper menu through settings. From home, tap **Apps** > **Settings** > **Wallpaper**.

2. Tap an option to select the wallpaper.

   - Tap **Home screen** to set the background wallpaper for your Home screen. Select **From Gallery**, **Wallpapers**, or **ID wallpapers**.
   - Tap **Lock screen** to set the wallpaper for your phone's Lock screen. Select **From Gallery**, **Wallpapers**, or **Travel wallpaper**.
   - Tap **Home and lock screens** to set a wallpaper for both your Home screen and your Lock screen. Select **From Gallery** or **Wallpapers**.

3. Select a wallpaper and tap **SET AS WALLPAPER**.

   ❖ The wallpaper is set.

Note: If you select **From Gallery**, you will need to select an album and a picture. Once selected, use the crop tool to resize and position the image, and then tap **SAVE**.

Add Shortcuts to the Home Screen

You can add shortcuts for quick access to favorite apps from the Home screen.

1. From home, tap **Apps** .

   - The Apps list opens.

2. Touch and hold an app icon.

   - The icon will disengage and you will see thumbnails of your Home screens.

3. Drag the icon to an empty location on one of the Home screens.

   - The shortcut is added to the Home screen.

Add Widgets to the Home Screen

You can add widgets to your phone's Home screen. Widgets are self-contained apps that display on a Home screen. Unlike a shortcut, the Widget works like as an onscreen application. There are all kinds of widgets, including links to a specific contact, Internet bookmarks, Gmail and email accounts, and many others.

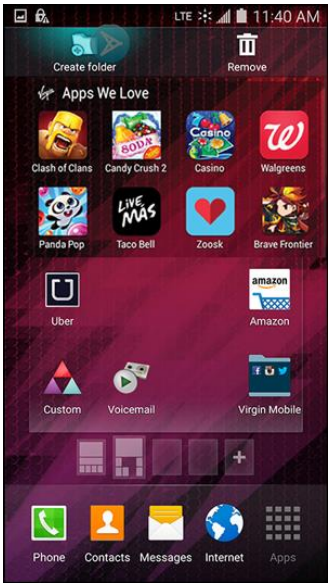
1. From home, touch and hold an empty space, and then tap **Widgets**.

2. Tap **Widgets**.
3. Touch and hold a widget icon.
   - ❖ The icon will disengage and you will see thumbnails of your Home screens.
4. Drag the icon to an empty location on one of the Home screens.
   - ❖ The widget is added to the Home screen.

Add Folders to the Home Screen

You can group Home screen shortcuts into folders for convenient access.

1. From home, touch and hold a shortcut you want to place in a folder, and then drag it to **Create folder** .



2. Type a name for the folder and tap **Done**.

   ❖ A new folder is created.

3. To add more app shortcuts to the folder, touch and hold a shortcut and drag it on top of the new folder.

   ❖ The new shortcut is added to the folder.

Change Folder Names

Once you have added folders, you can change the name easily from the folder display.

1. From home, tap the folder to open it, and then tap the folder name.
2. Type a new name and then tap **Done**.

Phone App

The following topics outline the use of your device's phone app to place and receive calls, use voicemail, set up and manage contacts, and more.

Place and Answer Calls

The following topics describe how to directly dial calls, how to answer incoming calls, and how to use the in-call screen options.

Adjust In-Call Volume

- **Adjusting Call Volume**: Press the volume key up or down during the call.

Troubleshooting

Problem: Difficulty during call.

Solution 1: It may not be possible to make a call properly in a noisy location.

Solution 2: When calling using Speaker, check the call volume. Raising the call volume may make calling difficult.

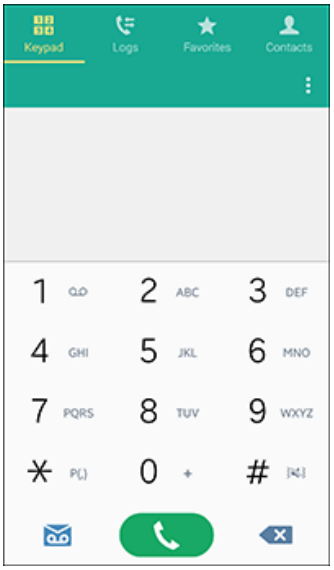
Problem: Sound pops momentarily during a call.

Solution: Are you changing location while calling? Sound pops when signal is weak and the phone switches to a different area.

Call Using the Phone Dialer

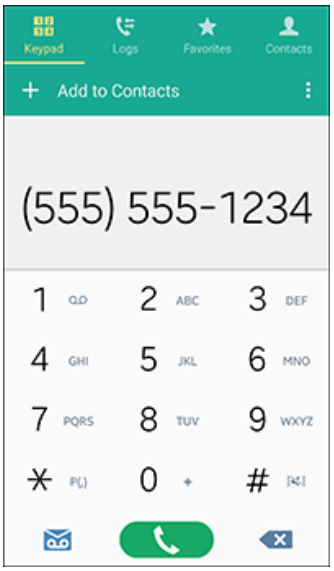
The most “traditional” way to place a call is by using the phone’s dialer screen.

1. From home, tap **Phone** to display the phone screen.



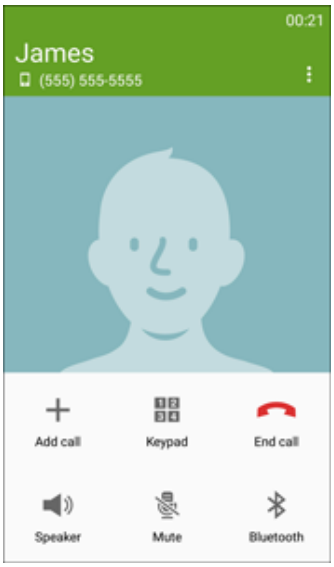
   ❖ The phone app opens. If necessary, tap the **Keypad** tab to display the dialer screen.

2. Tap the number keys on the dial pad to enter the phone number.



   ▪ As you enter digits, Smart Dial searches for contacts that match. If you see the number you want to dial, tap it to automatically enter the rest of the phone number.

3. Tap to call the number.



   - The phone dials the number. The call begins when the other party answers.

4. To end the call, tap .

   - The call ends.

Troubleshooting

Problem: Call does not connect.

Solution 1: Was the number dialed using the correct area code?

Solution 2: Are you in an area with poor wireless coverage? Try calling again from another area.

Call Emergency Numbers

You can place calls to 9-1-1 even if the phone's screen is locked or your account is restricted.

To call the 9-1-1 emergency number when the phone's screen is locked with a screen lock:

1. From the Lock screen, tap **Emergency call**.
2. Tap 9 WXYZ 1 1 .

   - As long as you are in an area covered by wireless service, the emergency call is placed.

To call the 9-1-1 emergency number normally or when your account is restricted:

1. Unlock the screen. For more information, see Lock and Unlock Your Screen.
2. From home, tap **Phone** > **Keypad** tab.

3. Tap 9 WXYZ 1 1 .

   ❖ As long as you are in an area covered by wireless service, the emergency call is placed.

Enhanced 9-1-1 (E 9-1-1) Information

This phone features an embedded Global Positioning System (GPS) chip necessary for utilizing E 9-1-1 emergency location services where available.

When you place an emergency 9-1-1 call, the GPS feature of your phone seeks information to calculate your approximate location. Depending on several variables, including availability and access to satellite signals, it may take up to 30 seconds or more to determine and report your approximate location.

Important: Always report your location to the 9-1-1 operator when placing an emergency call. Some designated emergency call takers, known as Public Safety Answering Points (PSAPs), may not be equipped to receive GPS location information from your phone.

Answer Phone Calls

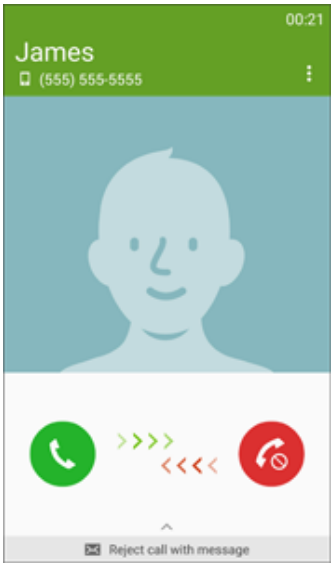
The following information lets you know how to answer incoming calls, mute the ringer on incoming calls, reject incoming calls, and more.

When you receive a phone call from a contact, the Incoming call screen appears and displays the caller ID icon, name, and phone number of the calling party. When you receive a phone call from someone who is not stored in Contacts, only the default caller ID icon and phone number appear on the Incoming call screen.

Note: If your phone is turned off, all calls automatically go to voicemail.

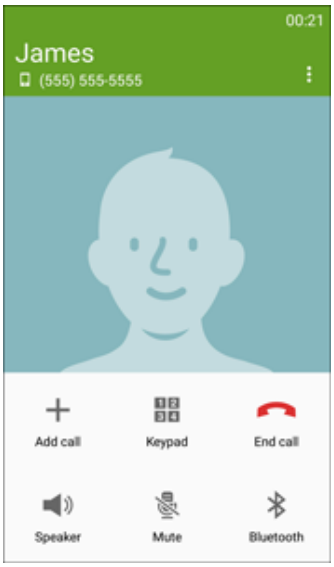
Answer an Incoming Call

1. When a call arrives, drag to the right to answer it.



   ❖ The call begins.

2. To end the call, tap .



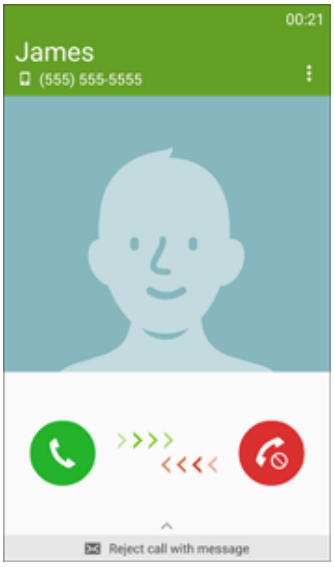
❖ The call ends.

Mute the Ringing Sound

To mute the ringer without rejecting the call, press the volume button down.

Reject an Incoming Call

■ When a call arrives, drag to the left to reject it.

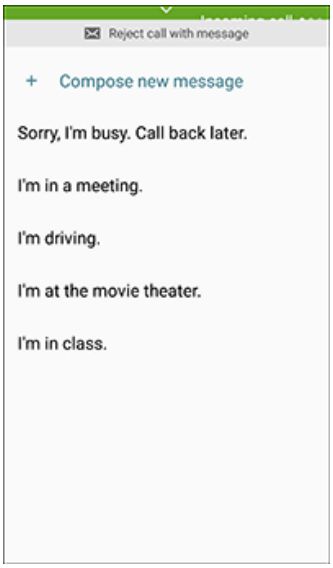


❖ The ringtone or vibration will stop and call will be sent directly to voicemail.

Reject a Call and Send a Text Message

You can reject an incoming call and automatically send a text message to the caller.

1. When a call arrives, drag up **Reject call with message** from the bottom of the screen.


Reject call with message
+ Compose new message
Sorry, I'm busy. Call back later.
I'm in a meeting.
I'm driving.
I'm at the movie theater.
I'm in class.

   - ❖ You will see a list of preset text messages.

2. Tap one of the messages to send it to the caller.

   - ❖ The selected message will be delivered to the caller.

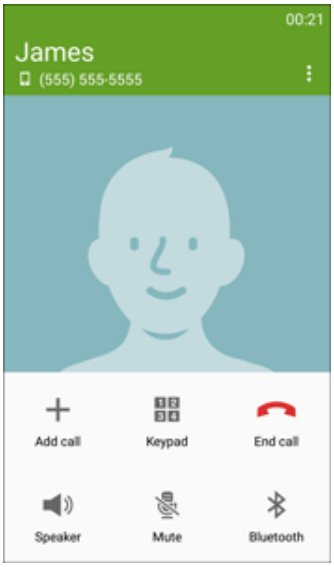
   - ▪ You can edit the reject messages through the Call settings menu. From the phone app, tap **More options** > **Settings** > **Call** > **Set up reject messages** and edit or create the reject messages.

In-Call Screen Layout and Operations

While you are on a call, you will see a number of onscreen options.

In-Call Screen Layout

Tap options to activate them during a call.



- **Add call**: Touch to initiate a conference call.
- **Merge**: Join two currently active calls (conference).
- **Keypad/Hide**: Toggle the appearance of the onscreen keypad.
- **End call**: End the current call.
- **Speaker**: Route the phone's audio through the speaker (On) or through the earpiece (Off).
  - Activate **Speaker** to route the phone's audio through the speaker. (You can adjust the speaker volume using the volume buttons.)
  - Deactivate **Speaker** to use the phone's earpiece.

Warning: Because of higher volume levels, do not place the phone near your ear during speakerphone use.

- **Mute**: Mute the microphone during an active call. Tap again to unmute the microphone.

Note: If Mute is activated, the speaker mode is deactivated.

- **Bluetooth**: Route the phone's audio through a connected Bluetooth headset (On) or through the speaker (Off).
    - When the call is routed to a Bluetooth headset, the current call area shows the Bluetooth call icon.

Note: The Bluetooth button is activated to show the current call is routed to the connected Bluetooth headset.

    - To route the current call back to the phone, tap **Bluetooth** to temporarily use the phone. Tap it again to route the call back to the connected Bluetooth headset.
    - When Bluetooth or the Bluetooth headset is turned off, the call is routed through either the earpiece or speaker.
- **Keypad**: Use the onscreen keypad to enter additional numbers, for example, an extension or access code.
    - For example: When you call your bank's 800 number, use your keypad to enter your account number and PIN.

Additional In-Call Options

- Tap **More options** during a call to display a list of additional in-call features. Tap an option to select it.
    - **Contacts**: Display your contacts list.
    - **Memo**: Create a new memo while remaining on the call.
    - **Messages**: Send a text or multimedia message while remaining on the call. See Text and Multimedia Messaging.
    - **Personalize call sound**: Adjust sounds on the call to your preferences.
        - **Adapt Sound**: Tap **Start**, and then follow the onscreen prompts to find the best sound for you.
        - **Soft sound**: Use softer sounds during calls.
        - **Clear sound**: Use clearer sounds during calls.
        - **Off**: Use the default call sound settings.
    - **Extra volume**: Increase the audio volume during a call.
    - **Settings**: Configure call settings. See Call Settings.

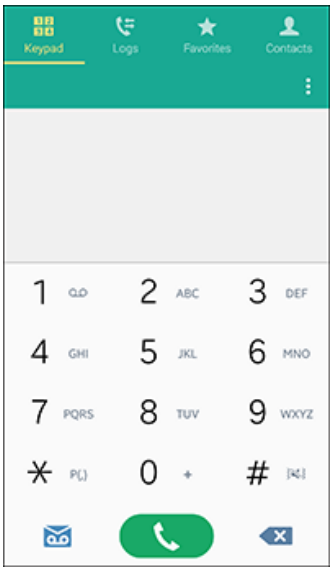
Place Calls from Contacts/Call Logs

Make calls quickly using Contacts and Call Logs.

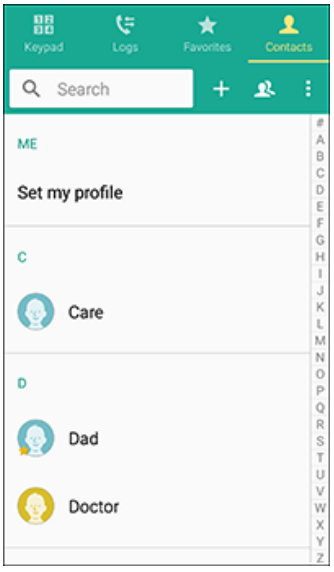
Place a Call from Contacts

You can place phone calls directly from entries in your Contacts list.

1. From home, tap **Phone** to display the phone app.

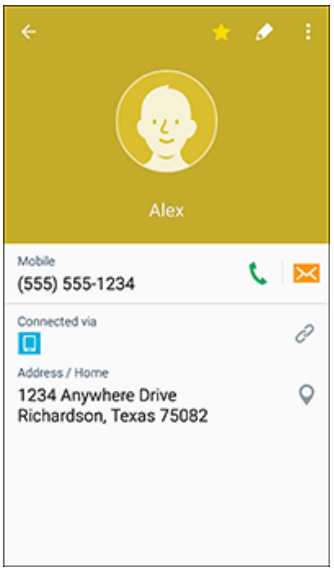


2. Tap **Contacts** to display the Contacts list.



❖ The contacts list appears.

3. Tap a contact.



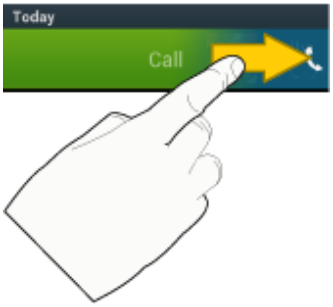
4. Tap **Call** next to the number you want to call.

   ❖ The phone dials the number. The call begins when the other party answers.

5. To end the call, tap .

   ❖ The call ends.

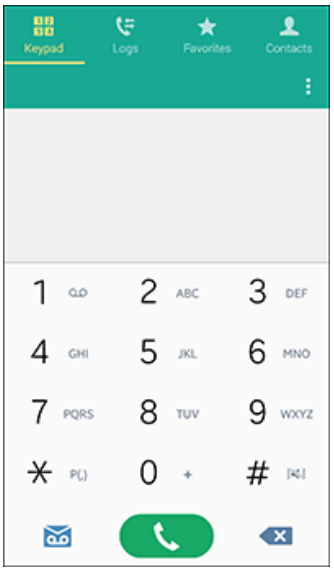
Tip: You can also place a call directly from the Contacts list. Swipe the entry you want to call from left to right to place a call to the entry's primary number.



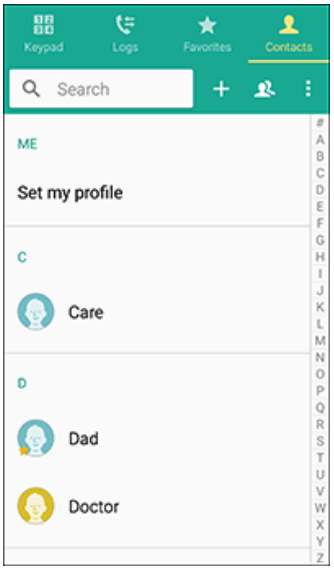
Call from Call Logs

The Call logs list lets you quickly place calls to recent incoming, outgoing, or missed numbers.

1. From home, tap **Phone** to display the phone app.

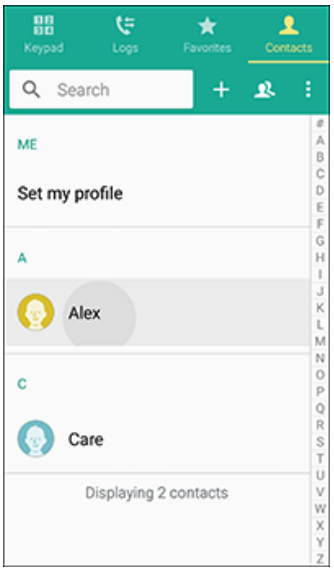


2. Tap **Logs** to display the Call logs list.



❖ The call logs list appears.

3. Tap an entry to display the call details.



4. Tap **Call** to place a call.

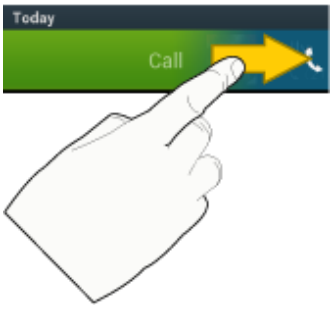
   ❖ The phone dials the number. The call begins when the other party answers.

   ▪ For additional options, tap the name or number.

5. To end the call, tap .

   ▪ The call ends.

Tip: You can also place a call directly from the Call logs list. Swipe the entry you want to call from left to right to place a call.



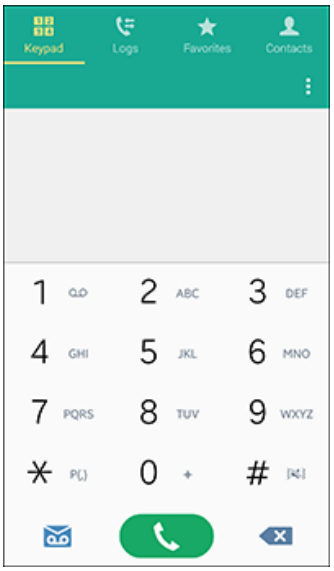
Optional Services

The following topics outline additional voice-related services available with your phone, including call services, voicemail, and more.

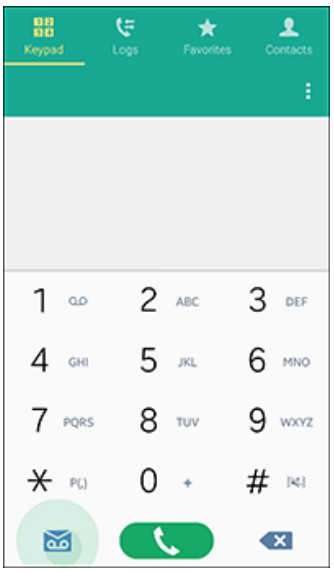
Voicemail Setup

You should set up your voicemail and personal greeting as soon as your phone is activated. Always use a password to protect against unauthorized access. Your phone automatically transfers all unanswered calls to your voicemail, even if your phone is in use or turned off.

1. From home, tap **Phone** > **Keypad** tab.



2. Tap **Voicemail** to dial your voicemail number.



- Your phone dials the voicemail access number.

Note: You can also press and hold the **One** 1 key to dial your voicemail box.

3. Follow the system prompts to:
   - Create your password.
   - Record your name announcement.
   - Record your greeting.

Important: **Voicemail Password** – It is strongly recommended that you create a password when setting up your voicemail to protect against unauthorized access. Without a password, anyone who has access to your phone is able to access your voicemail messages.

Caller ID Blocking

Caller ID identifies a caller before you answer the phone by displaying the number of the incoming call. If you do not want your number displayed when you make a call, follow these steps.

1. From home, tap **Phone** > **Keypad** tab.
2. Tap * 6 MNO 7 PQRS.
3. Enter a phone number.
4. Tap .
   - ❖ Your caller information will not appear on the recipient's phone.

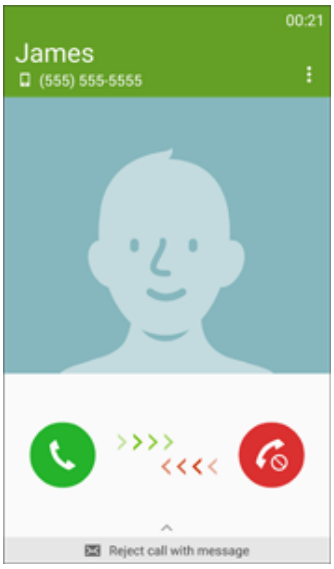
To permanently block your number, call Virgin Mobile Customer Service.

Call Waiting

When you are on a call, Call Waiting alerts you to incoming calls by sounding two beeps. Your phone's screen informs you that another call is coming in and displays the caller's phone number (if it is available).

To respond to an incoming call while you are on a call:

- Slide to the right. (This puts the first caller on hold and answers the second call.)



To switch back to the first caller:

- Tap **Swap**.

Note: For those calls where you don't want to be interrupted, you can temporarily disable Call Waiting by pressing * P(,) 7 PQRS 0 + before placing your call. Call Waiting is automatically reactivated once you end the call.

Call Forwarding

Call Forwarding lets you forward all your incoming calls to another phone number – even when your phone is turned off. You can continue to make calls from your phone when you have activated Call Forwarding.

Note: You are charged a higher rate for calls you have forwarded.

To activate Call Forwarding:

1. From home, tap **Phone** > **Keypad** tab.
2. Tap * P(,) 7 PQRS 2 ABC.
3. Enter the area code and phone number to which you want your calls forwarded.
4. Tap .
   - ❖ You will hear a tone to confirm the activation of Call Forwarding. All calls to your wireless number will be forwarded to the designated phone number.

To deactivate Call Forwarding:

1. From home, tap > **Keypad** tab.
2. Tap * P(,) 7 PQRS 2 ABC 0 +.
3. Tap .
   - ❖ You will hear a tone to confirm the deactivation.

Access Call Settings

Your phone's Call Settings menu lets you configure your voicemail options and a number of other settings for the phone application.

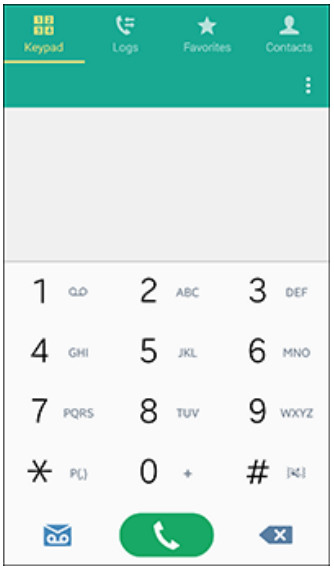
Call Settings Options

Use the Call Settings menu to adjust the following settings:

Setting	Description
Set up call rejection messages	Create or edit messages to reject incoming calls.
Answering/ending callas	Answer calls by pressing the Home Key, and end calls by pressing the Power/Lock Key.
Ringtones and keypad tones	Select or create your default ringtone, set the phone to vibrate when ringing, and play a tone when the dialing keypad is tapped.
Noise reduction	Suppress background noise during calls.
Voicemail service	Select a voicemail service.
Voicemail settings	Configure your voicemail.
US dialing	Replace + with the international dialing code, except when entering +1.
International dialing	Enter the international dialing code automatically.
TTY mode	Enable service on your phone.
Hearing aids	Improve the sound quality of your phone when using hearing aids.
DTMF tones	Set the length of DTMF tones, which are used when pressing the keypad while on a call.
Voice privacy	Activate Enhanced privacy mode.

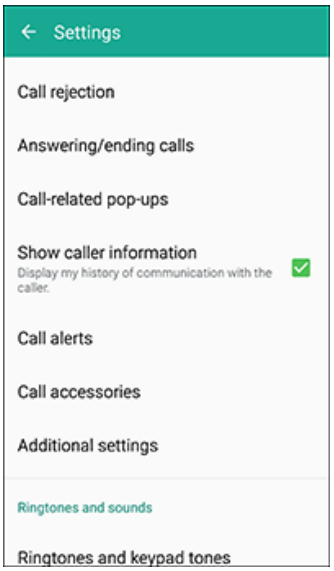
Use the Call Settings Menu

1. From home, tap **Phone** .



   ❖ The phone app opens.

2. Tap **More options** > **Settings** > **Call**.



   ❖ The call settings menu appears.

3. Configure your options.
   - Tap a menu item to display its options.
   - Select your options and follow the prompts to set them.

   ❖ Your call settings options are set.

Contacts

The Contacts application lets you store and manage contacts from a variety of sources, including contacts you enter and save directly in your phone as well as contacts synchronized with your Google Account, your PC, compatible email programs (including Exchange Server), and your Facebook friends.

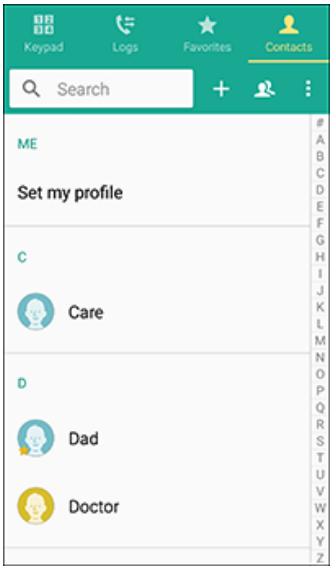
Contacts Cautions

Information saved in Contacts may be lost or changed if the battery is removed for a long period or left uncharged. Accident or malfunction may also cause loss or change to information. It is recommended that you keep a separate copy of contacts and other important information. The company is not responsible for any damages from lost or changed contacts.

Add a Contact

You can add contacts from your phone's Phone application. Enter details such as name, phone numbers, email addresses, mailing addresses, and more.

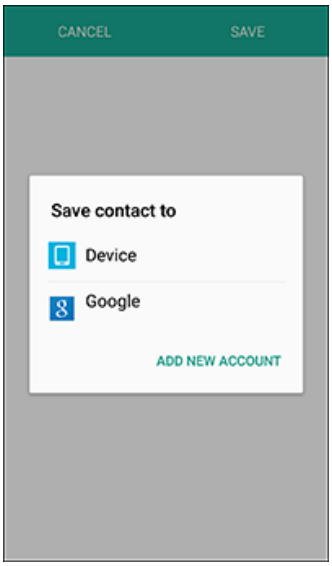
1. From home, tap **Phone** > **Contacts** tab.



❖ You will see the Contacts list.

- You can also access contacts directly from the Contacts shortcut or the apps list. From home, tap **Apps** > **Contacts**.

2. Tap + to add a contact.

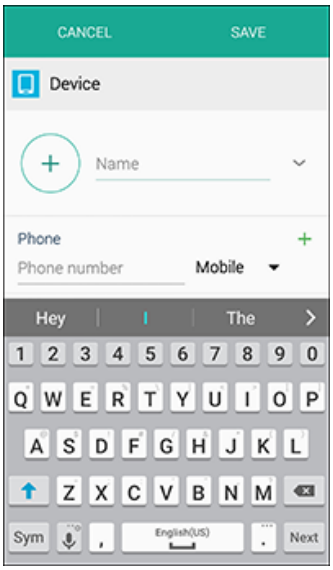


❖ The “Save contact to” screen appears.

3. If you have multiple account types associated with your phone, select a contact type.

- Select **Device** as the sync account if you want your contacts on your phone only; they will not be synced with your Google Account.
- Select **Google** if you want to save contacts to your Google Account; these will be synced automatically with your Google Account online.

4. Use the keyboard to enter as much information as you want.

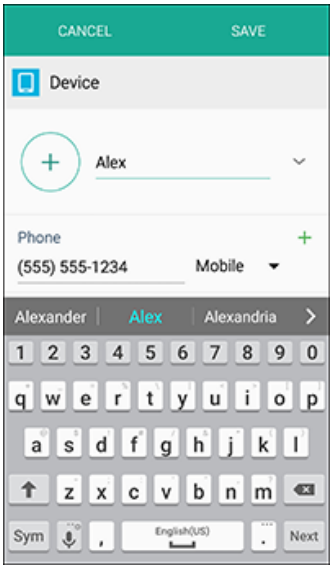


- : Tap the picture icon to assign a picture to the contact.
- **Name**: Enter the contact's name.
- **Phone**: Enter a phone number.
- **Email**: Enter an email address.
- **Groups**: If desired, assign the contact to one or more contact groups.
- **Ringtone**: Select a specific ringtone for this contact.
- **Add another field**: Tap **ADD ANOTHER FIELD** to include additional information such as IM, Address, Notes, Nickname, Website, etc.

Note: To select a type (label) for a phone number, email address, or postal address (such as Mobile, Home, Work, etc.), tap the type to the left of the field and select the appropriate type.

Note: To add more phone numbers, email addresses, etc., tap + on the right side of the entry field.

5. When you have finished adding information, tap **SAVE**.

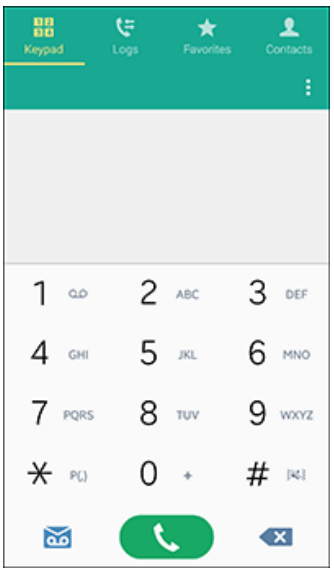


❖ The contact is added.

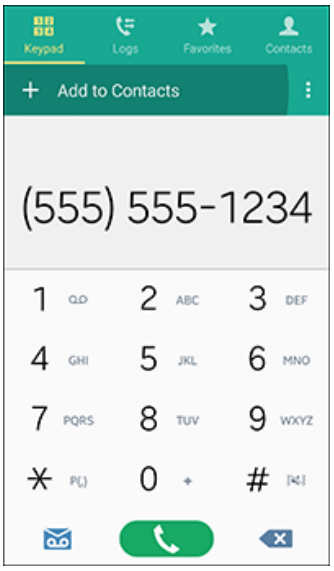
Save a Phone Number

You can save a phone number to Contacts directly from the phone keypad.

1. From home, tap **Phone** > **Keypad** tab.



2. Enter a phone number and tap **Add to Contacts**.

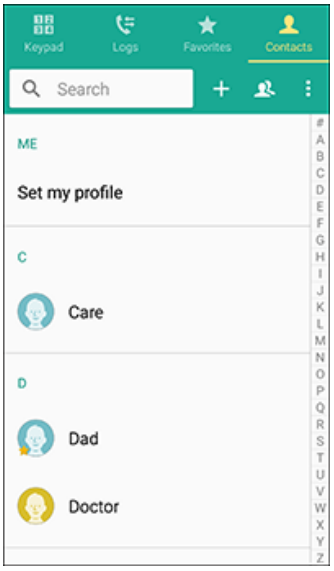


3. To add the number to an existing contact, tap **UPDATE EXISTING**. To add a new contact, tap **CREATE CONTACT**.
   - For an existing contact, tap the contact name and select a number type for the new number.
   - For a new contact, enter the name and any additional information.
4. Tap **SAVE**.
   - ❖ The contact is added.

Check Contacts

View a contact's details by displaying a contact entry.

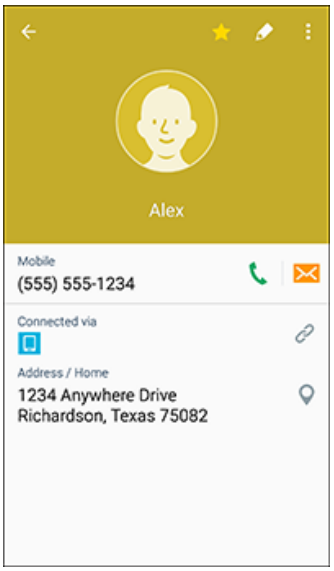
1. From home, tap **Phone** > **Contacts** tab.



   ❖ You will see the Contacts list.

   - You can also access contacts directly from the Contacts shortcut or the apps list. From home, tap **Apps** > **Contacts**.

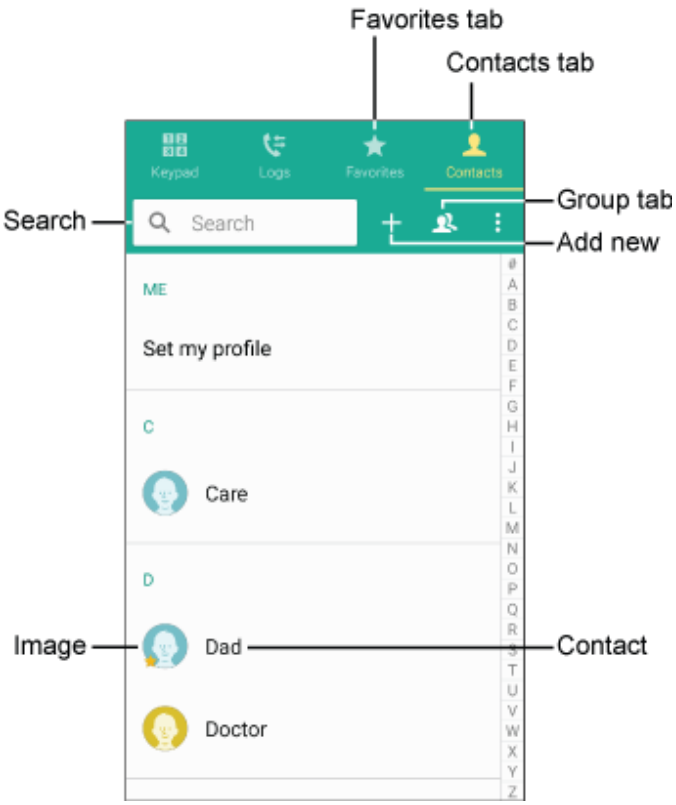
2. Tap a contact to view its details.



   ❖ The contact's detailed listing appears.

Contacts Screen Layout

The following illustration show's your Contacts app layout and describes the various features.

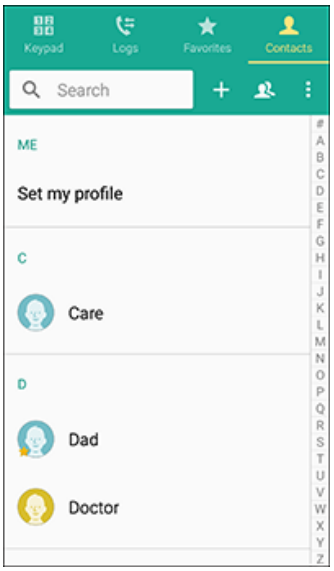


Item	Description
Group tab	Show contact groups.
Favorites tab	Show favorite contacts.
Contacts tab	Show all contacts.
Contact	Tap to show contact's details.
Image	Tap to show thumbnail of contact entry. Tap an icon to place a call, send a message, etc.
Search	Search contacts.
Add new	Add a new contact.

Edit a Contact

Once you've added a contact, you can add or edit any of the information in the entry, assign a caller ID picture, customize with a unique ringtone, and more.

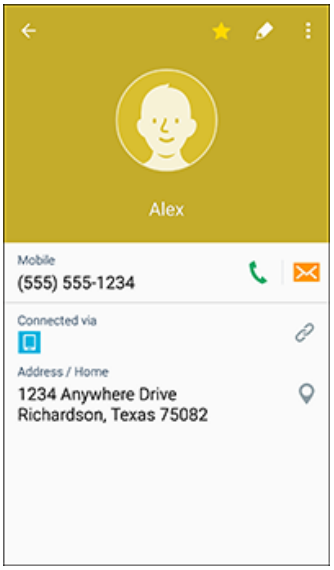
1. From home, tap **Phone** > **Contacts** tab.



❖ You will see the Contacts list.

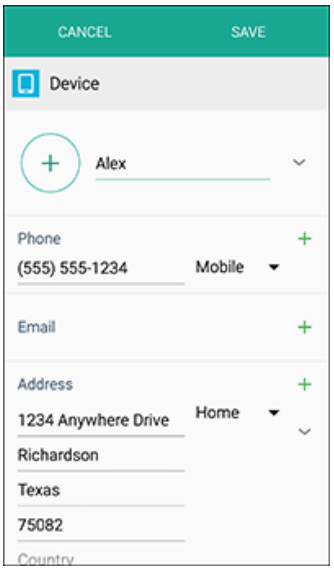
- You can also access contacts directly from the Contacts shortcut or the apps list. From home, tap **Apps** > **Contacts**.

2. Tap a contact to view its details.



❖ The contact's detailed listing appears.

3. Tap **Edit** .
4. Tap any field you want to change or add. See Add a Contact.
5. Add or edit the information, and then tap **Save**.



- Your changes are saved to the contact entry.

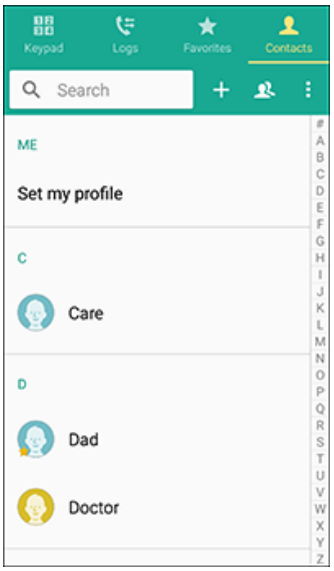
Note: To select a type (label) for a phone number, email address, or postal address (such as Mobile, Home, Work, etc.), tap the type to the left of the field.

Note: To add more phone numbers, email addresses, etc., tap + on the right side of the entry field.

Delete a Contact

You can delete a contact from the contacts details page.

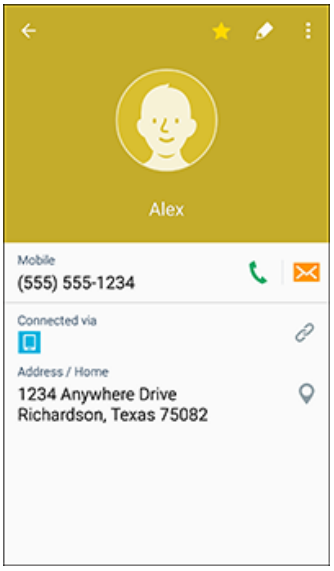
1. From home, tap **Phone** > **Contacts** tab.



   ❖ You will see the Contacts list.

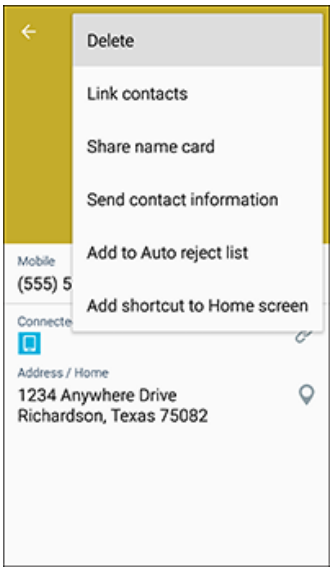
   - You can also access contacts directly from the Contacts shortcut or the apps list. From home, tap **Apps** > **Contacts**.

2. Tap a contact to view its details.

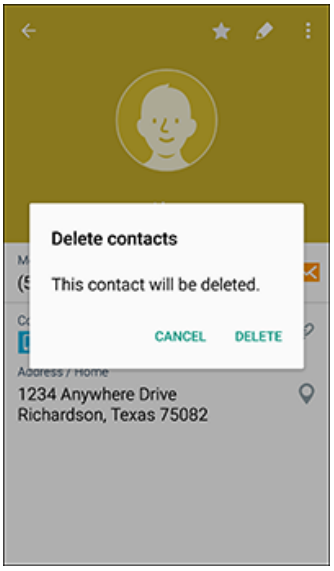


   ❖ The contact's detailed listing appears.

3. Tap **More options** > **Delete**.



4. Tap **DELETE**.



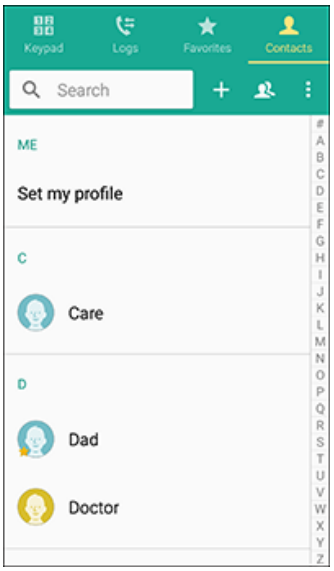
❖ The contact is deleted.

Tip: You can also touch and hold the contact from the contact list and then tap **Delete** .

Share a Contact

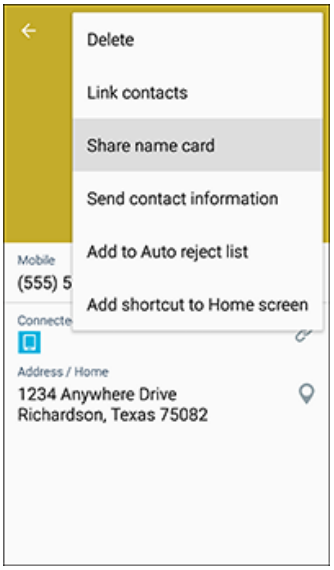
You can quickly share contacts using Bluetooth, email, Gmail, or text messaging.

1. From home, tap **Phone** > **Contacts** tab.



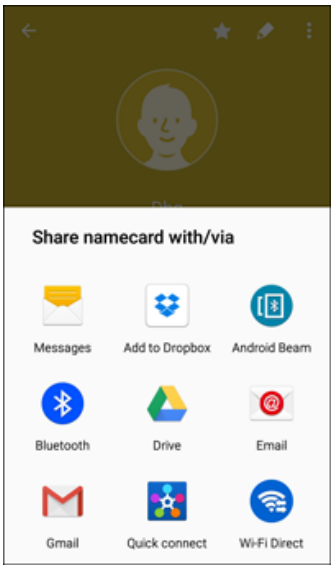
❖ You will see the Contacts list.

2. Tap a contact to display it, and then tap **More options** > **Share name card**.



❖ You will see the Share name card menu.

3. In the **Share name card** menu, select a method:



- **Messages** to send the information in a text message. Select a contact or enter a wireless phone number or email address, enter any additional information, and then tap **Send**. For more information on text messaging, see Send a Multimedia Message (MMS).
- **Add to Dropbox** to send the namecard to a Dropbox account. See Dropbox for details.
- **Android Beam** to send information via Android Beam. See for Android Beam Settings information on sending information to another NFC-compatible device.
- **Bluetooth** to send the information via Bluetooth. See Bluetooth for information on pairing and sending via Bluetooth.
- **Drive** to save the information to your Google Drive account.
- **Email** to send the information as an email attachment. If prompted, select an email account. Address the message, add a subject and a message, and then tap **Send**. See Compose and Send Email for details on sending email.
- **Gmail** to send the information as a Gmail attachment. Address the message, add a subject and a message, and then tap **Send**. See Create and Send a Gmail Message for details.
- **Quick connect** to send information to compatible nearby devices using the Quick connect feature.
- **Wi-Fi Direct** to send the information to another device via Wi-Fi Direct. See Wi-Fi Direct for details.

4. Complete the required steps as prompted for the selected method.

❖ The selected contact will be shared.

Import Contacts

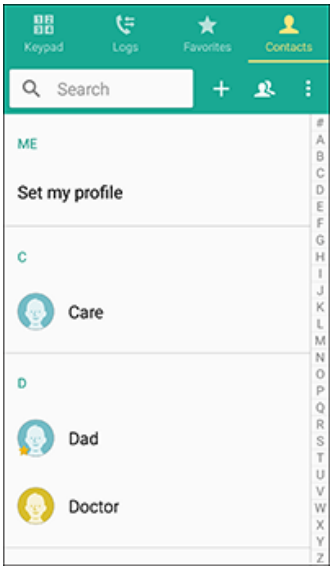
Import (load) contacts that have been backed up on an optional SD Card (not included).

Before Importing Contacts from an SD Card

You will need to have installed an SD card with previously backed up contacts information into your phone before you can import contacts. See SD Card for SD card information.

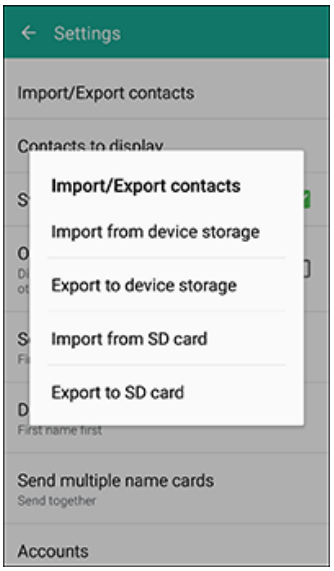
Import Contacts from an SD Card or Device Storage

1. From home, tap **Phone** > **Contacts** tab.



❖ You will see the Contacts list.

2. Tap **More options** > **Settings** > **Contacts** > **Import/Export contacts**.



   - ❖ You will see the Import/Export contacts menu.

3. Tap **Import from SD card** or **Import from device storage**.
4. Select a destination for the imported contacts.
5. Follow the onscreen instructions to complete the import.

   - ❖ The contacts are imported and stored in the selected account.

Back Up Contacts

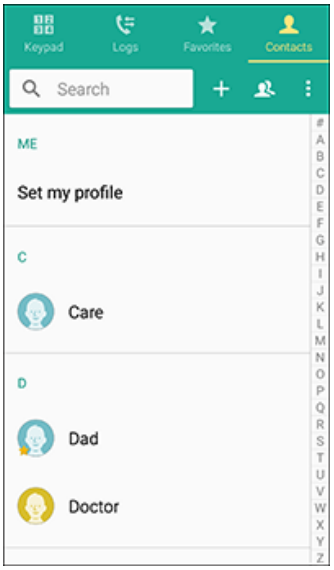
If you are saving contacts to an account that does not automatically back them up via the Cloud, you can manually back up your contacts to an installed SD card (not included).

Before Backing Up Contacts to an SD Card

You will need to have installed an SD card with previously backed up contacts information into your phone before you can back up your contacts. See SD Card for SD card information.

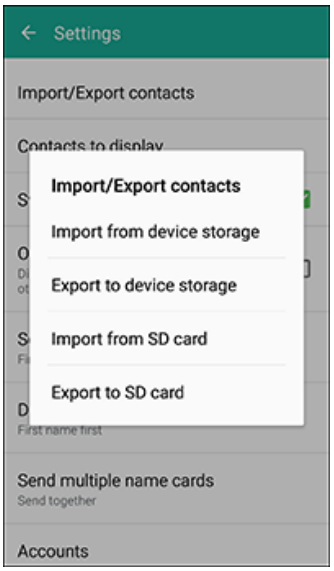
Back Up Contacts to Your SD Card

1. From home, tap **Phone** > **Contacts** tab.



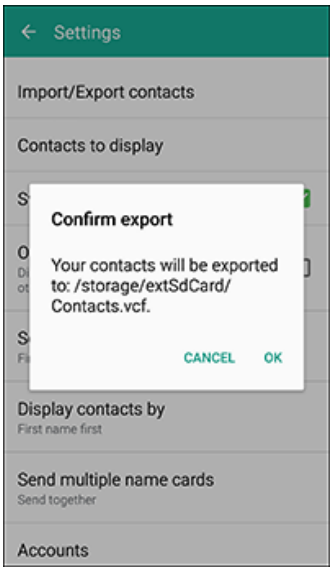
❖ You will see the Contacts list.

2. Tap **More options** > **Settings** > **Contacts** > **Import/Export contacts**.



❖ You will see the Import/Export contacts menu.

3. Tap **Export to SD card**.



4. Tap **OK** to confirm the export.
5. Follow the onscreen instructions to complete the export.

❖ The contacts are exported and saved to the installed SD card.

Messaging and Internet

With wireless service and your phone's messaging and data capabilities, you have the opportunity to share information through many different channels and accounts, including Gmail (Google), personal and corporate email, text and multimedia messaging, social networking accounts, and Hangouts.

Text and Multimedia Messaging

With Text Messaging (SMS), you can send and receive instant text messages between your wireless phone and another messaging-ready phone.

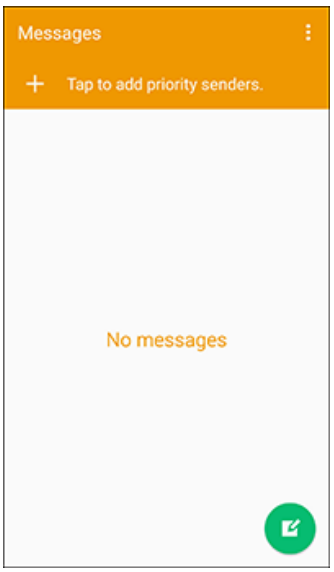
Multimedia messages, or MMS, can contain text and pictures, recorded voice, audio or video files, picture slideshows, contact cards (vCard), or appointments (vCalendar).

See your service plan for applicable charges for messaging.

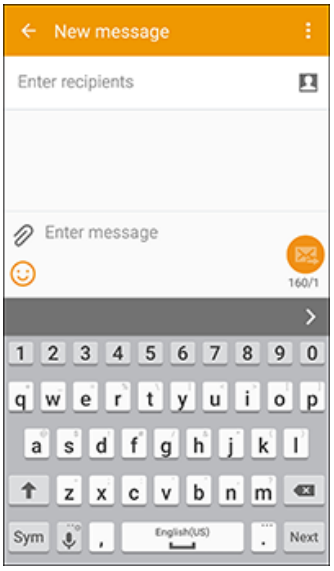
Send a Text Message

Quickly compose and send text messages on your phone.

1. From home, tap **Apps** > **Messages** .



2. On the Messaging screen, tap **Compose** . The Compose screen opens.

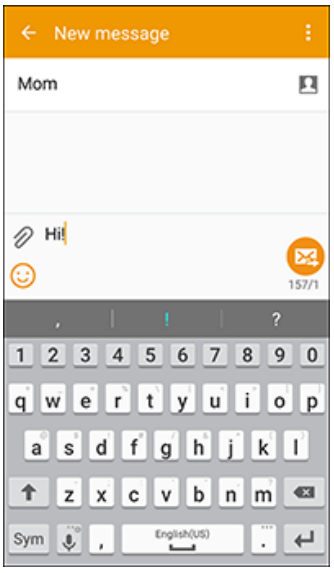


3. Fill in one or more recipients. You can:

   - Enter phone numbers directly in the **Enter recipient** field. If you are sending the message to several phone numbers, separate the phone numbers with a comma. As you enter information, any matching phone numbers from your contacts list are displayed. Tap a match to enter that number or address directly.

   - Tap **Recipients** , and then select the contacts to whom you want to send the message. You can also select contact groups as recipients. When you have selected all the message recipients, tap **DONE**.

4. Tap the “Enter message” box and then start composing your message.



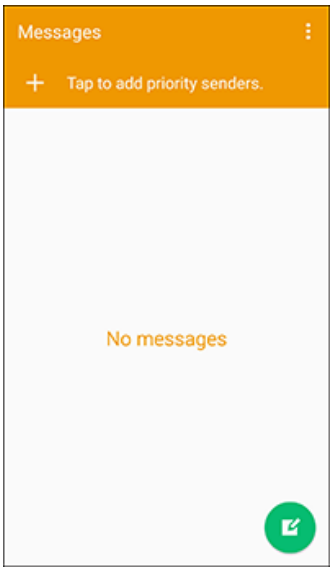
Note: A counter appears below the **Send** button to tell you how many characters you have entered and how many characters are left. Once you go over the 160-character limit, a new message is created but automatically joined into one when received.

5. When done, tap **Send** to send the text message.

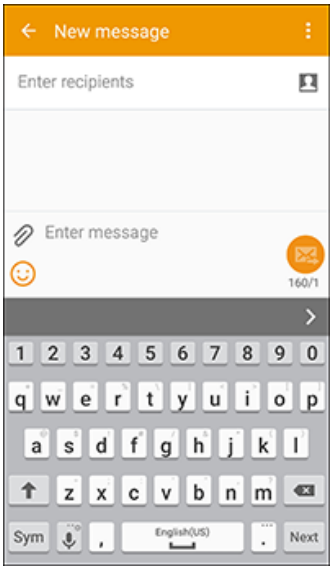
Send a Multimedia Message (MMS)

When you need to add a little more to a text message, you can send a multimedia message (MMS) with pictures, voice recordings, audio or video files, contact cards (vCard), or appointments (vCalendar).

1. From home, tap **Apps** > **Messages**.



2. On the Messaging screen, tap **Compose**. The Compose screen opens.



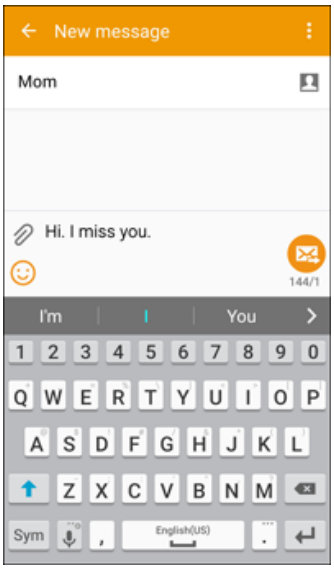
3. Fill in one or more recipients. You can:

   - Enter phone numbers directly in the Enter recipient field. If you are sending the message to several phone numbers, separate the phone numbers with a comma. As you enter information, any matching phone numbers from your contacts list are displayed. Tap a match to enter that number or address directly.

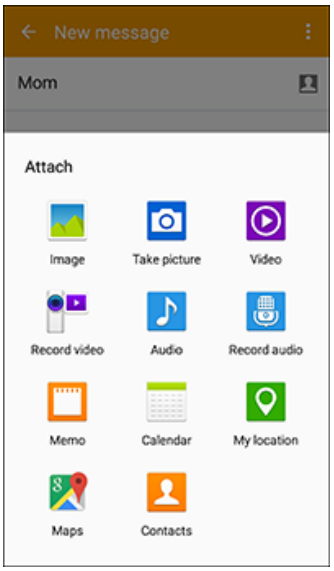
   - Tap the icon, and then select the contacts to whom you want to send the message. You can also select contact groups as recipients. When you have selected all the message recipients, tap **DONE**.

Note: You can add a subject line by tapping **More options** > **Add subject**.

4. Tap the “Enter message” box, and then start composing your message.



5. Tap .

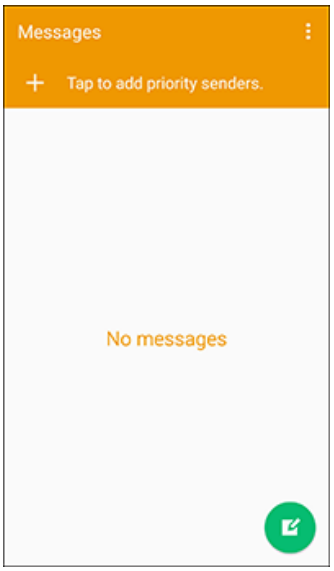


6. In the Attach window, select from the following file attachments:
   - **Audio**: Select **Record audio** to make a voice recording and attach it, or **Audio** to attach a stored music file or voice recording.
   - **Calendar**: Select the calendar event you want to attach. See Calendar.
   - **Contacts**: Select a contact from your phone, and then select which contact information you want to attach. See Contacts.
   - **Picture**: Select **Take picture** to take a picture and attach it, or **Image** to attach a stored picture.
   - **Maps**: Add your current location (requires GPS to be turned on) or a location you pick on a map to your message. See Google Maps.
   - **Memo**: Attach a memo. See Memo.
   - **Video**: Select **Record video** to capture a video and attach it, or **Video** to attach a stored video.
7. To make changes to or remove your attachment, touch and hold the item.
8. Tap **Send** to send the MMS message.

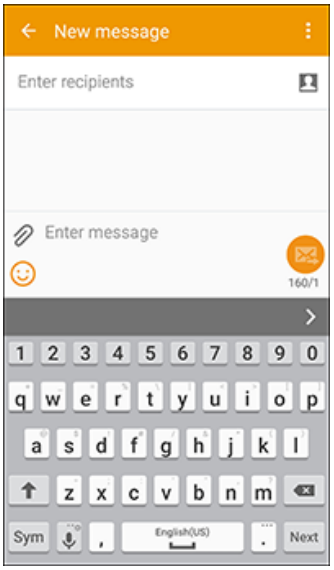
Create a Slideshow

In a multimedia message, you can add slides, each containing a picture, video, or audio.

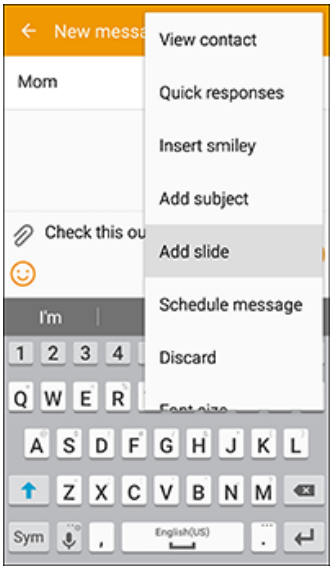
1. From home, tap **Apps** > **Messages** .



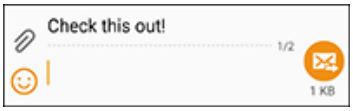
2. On the Messaging screen, tap **Compose** . The Compose screen opens.



3. In the multimedia message you are composing, tap **More options** > **Add slide** to add space for a new slide.



4. Tap the space for the slide.



5. To compose your slideshow, do any of the following:

   - **Add a picture**. Tap > **Image** and select a picture.
   - **Add a video**. Tap > **Video** and select a video. (You cannot add both a picture and a video on the same slide.)
   - **Add music or a voice recording**. Tap > **Audio** and select a file.
   - **Add a new slide**. Tap **More options** > **Add slide**.
   - **Preview your slideshow**. Tap **More options** > **Preview**.
   - For more options, tap **More options** and select an option.

6. When you have finished composing the multimedia message, tap **Send**.

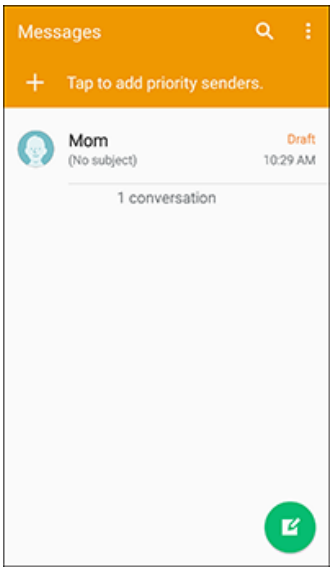
Tip: To compose a slide show, you can also simply attach multiple items separately to the MMS message. Tap and select a file type, location, and file and then repeat it for additional slides. Your phone will automatically compile a slide show.

Save and Resume a Draft Message

While composing a text or multimedia message, tap **Back** to automatically save your message as a draft. Your message will display “Draft” on the main Messaging screen.

To resume composing the message:

1. From home, tap **Apps** > **Messages** .



2. Tap the draft message to resume editing it.

3. When you finish editing the message, tap **Send** .

New Messages Notification

Depending on your notification settings, the phone will play a ringtone, vibrate, or display the message briefly in the Status bar when you receive a new text or multimedia message. To change the notification for new text and multimedia messages, see Text and MMS Options for details.

A new message icon also appears in the notifications area of the Status bar to notify you of a new text or multimedia message. The Messages application icon also displays the number of new messages .

- To open the message, drag the Status bar down to open the Notification panel. Tap the new message to open and read it. For information on reading and replying to messages see Manage Message Conversations.

Manage Message Conversations

Text and multimedia messages that are sent to and received from a contact (or a number) are grouped into conversations or message threads in the Messaging screen. Text or MMS conversations let you see exchanged messages (similar to a chat program) with a contact on the screen.

Read a Text Message

- Do one of the following:
  - On the Messaging screen, tap the text message or conversation to open and read it.
  - If you have a new message notification, drag the Status bar down to open the Notification panel. Tap the new message to open and read it.

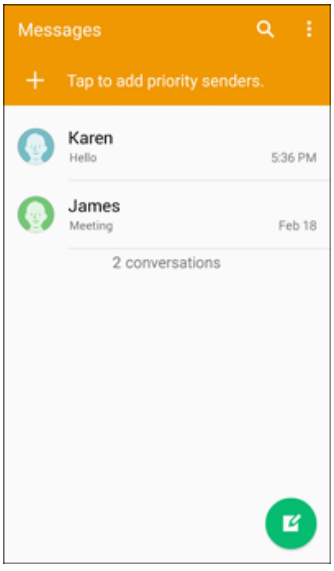
Viewing Options include:

- To view the details of a particular message, in the conversation, touch and hold the message to open the options menu, and then tap **View message details**.
- If a message contains a link to a Web page, tap the message and then tap the link to open it in the Web browser.
- If a message contains a phone number, tap the message and then tap the phone number to dial the number or add it to your contacts.

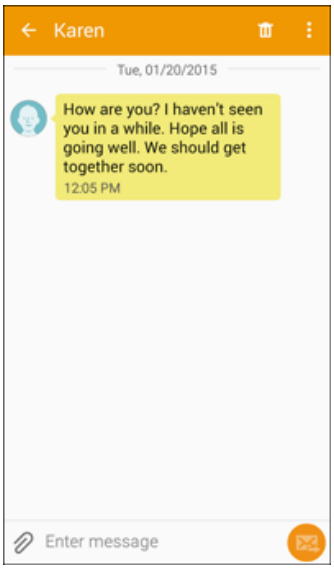
To return to the Messaging screen from a conversation, tap **Back**.

View a Multimedia Message (MMS)

1. From home, tap **Apps** > **Messages**.



2. On the Messaging screen, tap a multimedia message or conversation to open it.


Karen
Tue, 01/20/2015
How are you? I haven't seen you in a while. Hope all is going well. We should get together soon.
12:05 PM
Enter message

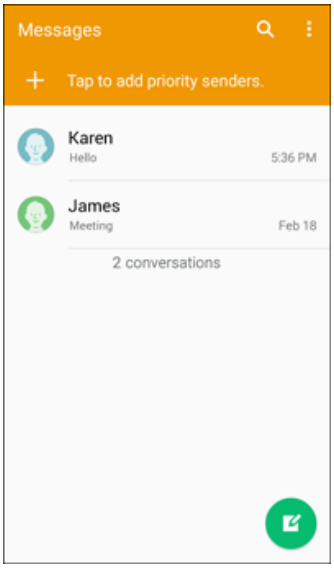
3. Tap an attachment to open it.
   - If the attachment is a vCard contact, it is imported to your phone's contacts list. For more information, see Contacts.
   - If the attachment is a vCalendar file, you can choose the calendar where you want to save the event. For information on using Calendar, see Calendar.
4. To save the attachment to device memory or a memory card, touch and hold the received MSS message, and then tap **Save** [attachment type] on the options menu.

Note: When Auto retrieve in MMS settings is disabled, only the message header is downloaded. To download the entire message, tap the **Download** button at the right side of the message. For details, see Text and MMS Options.

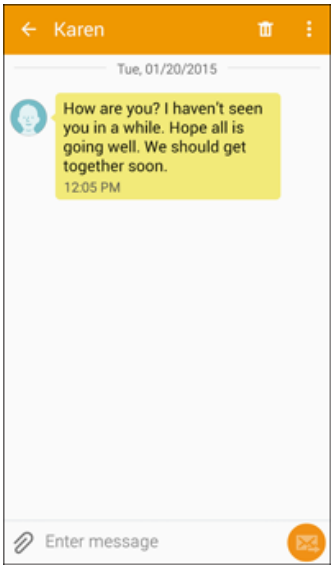
Note: If you are concerned about the size of your data downloads, check the multimedia message size before you download it.

Reply to a Message

1. From home, tap **Apps** > **Messages** .



2. On the Messaging screen, tap a conversation to open it.

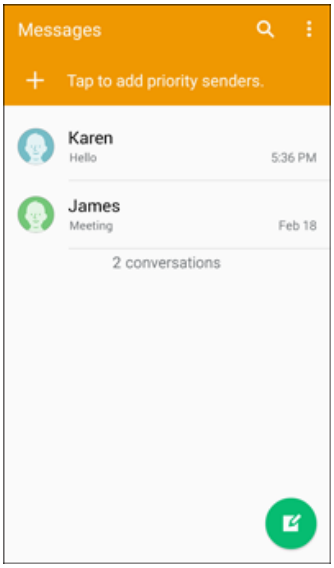

Karen
Tue, 01/20/2015
How are you? I haven't seen you in a while. Hope all is going well. We should get together soon.
12:05 PM
Enter message

3. Tap the text box at the bottom of the screen, enter your reply message, and then tap **Send** .

Note: To reply to a text message with a multimedia message, open the text message, tap **Attachment** . The text message is automatically converted into a multimedia message.

Delete Conversations

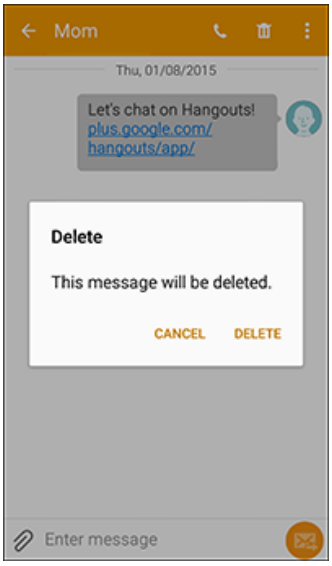
1. From home, tap **Apps** > **Messages** .



2. On the Messaging screen, tap **More options** > **Delete**.
3. Select the conversations you want to delete, and then tap **Done**.
4. Tap **OK** to confirm.

Delete Message

1. While viewing a conversation, tap **Delete** .



2. Select the messages you want to delete, and then tap **Done**.
3. When prompted to confirm, tap **OK**.

View Contact Information from a Message

When you have received a message from someone in your stored contacts, you can tap the contact's picture or icon in the conversation to open a menu of options. Depending on the stored contact information, you can view the contact details, place a phone call or send an email message to the contact, and more.

Text and MMS Options

The messages settings menu lets you control options for your text and MMS messages including message limits, size settings, and notifications.

1. From home, tap **Apps** > **Messages** .
2. On the Messaging screen, tap **More options** > **Settings**. You can set the following:
   - **Default messaging app**: Set your default messaging app.
   - **Quick responses**: Create or edit existing quick responses which you can use to quickly reply to new messages.
   - **Text message (SMS) settings**:
     - **Auto combination**. Re-assemble multi-segment messages so they can be shown as a single message.
   - **Multimedia message (MMS) settings**:
     - **Group conversation**: When enabled, a single message is sent to multiple recipients. When disabled, individual messages are sent to each recipient so that they cannot see the other recipients.
     - **Auto retrieve**: Select this option to automatically retrieve all your multimedia messages completely. When selected, the multimedia message header plus the message body and attachments will automatically download to your phone. If you clear this check box, only the multimedia message header will be retrieved and shown in your Messaging screen.
     - **Roaming auto retrieve**: Automatically retrieve messages while roaming. Additional charges may apply.
     - **MMS alert**: Receive an alert when mode changes to multimedia message.
   - **Delete old messages**: Automatically delete older messages when the set limits are reached.
     - **Text message limit**: Choose the maximum number of text messages to store in each conversation.
     - **Multimedia message limit**: Choose the maximum number of MMS messages to store in each conversation.

- **Notification Settings**:
  - **Notification sound**: Select a ringtone that is specific to new text and multimedia messages. Note that the ringtone briefly plays when selected.
  - **Vibrate**: Select this option if you want the phone to vibrate when a new text or multimedia message arrives.
  - **Repeat message alert**: Set the message alert to repeat once, every 2 minutes, or every 10 minutes.
  - **Lock screen**: Preview messages on the Lock screen.
  - **Status bar**: Preview messages on the Status bar.
- **Emergency settings**:
  - **Emergency alerts**: Set which alert types to receive.
  - **Emergency notification preview**: Play a sample emergency alert tone.
  - **Vibrate**: Vibrate for emergency alerts.
  - **Alert reminder**: Set alerts to repeat once, every 2 minutes, every 15 minutes, or never.
- **Spam filter**: Block messages from spam numbers or containing spam phrases.
  - **Add to spam numbers**: Add numbers that will be blocked when they send you a message.
  - **Add to spam phrases**: Add phrases that will cause messages to be blocked.

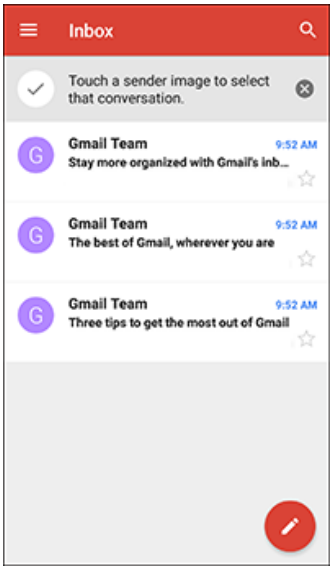
Create and Send Gmail

Use Google's Gmail service and your Google Account to send, receive, and manage your Gmail messages. Before using Gmail, you must register a Google (Gmail) Account on your phone. See Google Account for details.

Gmail Cautions

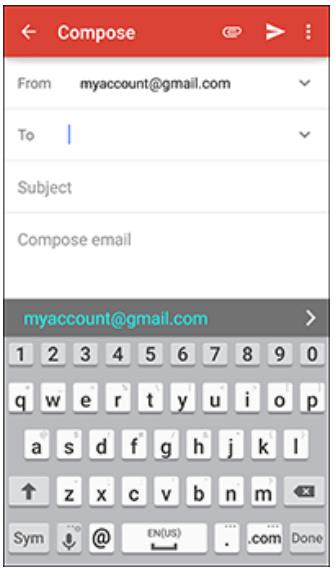
Gmail is handled as email from a PC. Restricting email from PCs on your phone prevents your phone from receiving Gmail.

1. From home, tap **Apps** > **Gmail**.



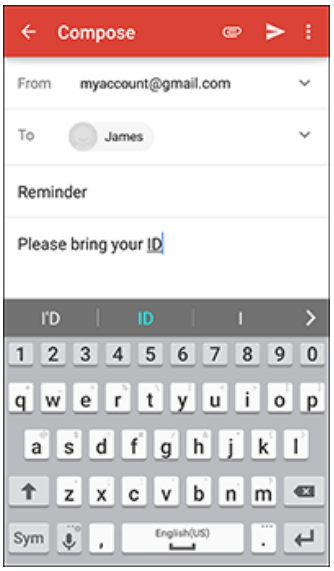
❖ The Gmail inbox opens.

2. In the inbox, tap **Compose** .



❖ The Gmail composition window opens.

3. Enter the message recipient(s), subject, and message, and then tap **Send** .



❖ The Gmail message is sent.

Gmail Composition Options

- **Adding Cc/Bcc**: In the mail composition window, tap **More options** > **Add Cc/Bcc**, and then add recipients.
- **Attaching Pictures or Videos**: In the mail composition window, tap **More options** > **Attach file**. Locate and then tap the picture or video you want to attach.
- **Save as a Draft (Send Later)**: While composing your message, tap **More options** > **Save draft**. The message is saved as a draft for later.
- **Delete Mail Being Composed**: In the mail composition window, tap **More options** > **Discard** > **Discard**.

Note: To view your draft email messages, in the inbox, tap **Inbox** > **Drafts**. To view your sent messages, in the inbox, tap **Inbox** > **Sent**.

Check Received Gmail Messages

Your phone allows you to access, read, and reply to all your Gmail messages.

Open New Gmail Messages

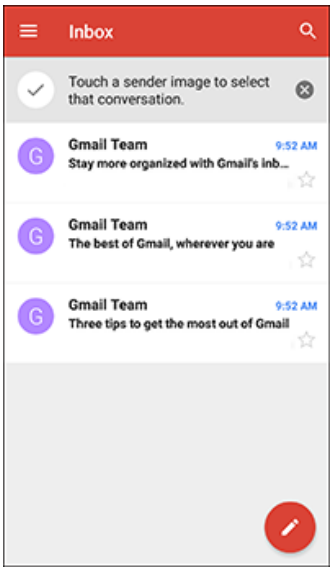
When new Gmail arrives, you will see in the Status bar.

1. Drag the Status bar down to display the Notification panel.
2. Tap the new message from the Notification panel.
   - ❖ The new Gmail message opens.
   - ▪ If you have two or more new Gmail messages, tapping the notification opens the Gmail inbox.

Open Gmail Messages

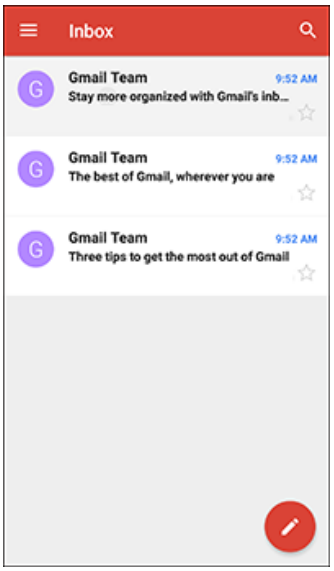
You can also read and reply to all your Gmail messages from the Gmail inbox.

1. From home, tap **Apps** > **Gmail** .



   ❖ The Gmail inbox opens.

2. Tap the message thread you want to view.



   ❖ The message thread opens, with the newest message displayed.

Options when Reviewing Gmail Messages

- **Replying to Gmail Messages**: With the Gmail message open, tap **Reply**, compose your reply message, and tap **Send**.
  - To reply to all, tap **Options** > **Reply all**.
- **Forwarding Gmail Messages**: With the Gmail message open, tap **Options** > **Forward**, enter a recipient and an additional message, and tap **Send**.

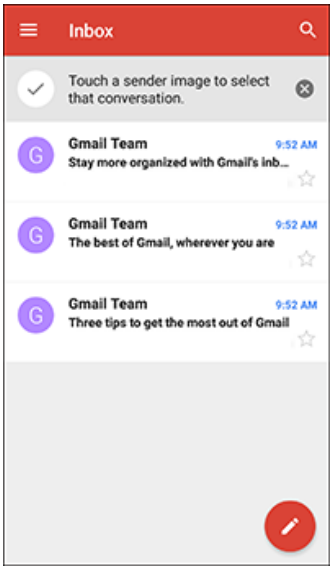
Manage Gmail Messages

Your phone give you control over how you manage your Gmail messages, with labels, thread management, search capabilities, adding multiple Google Accounts, and more.

Use Gmail Labels

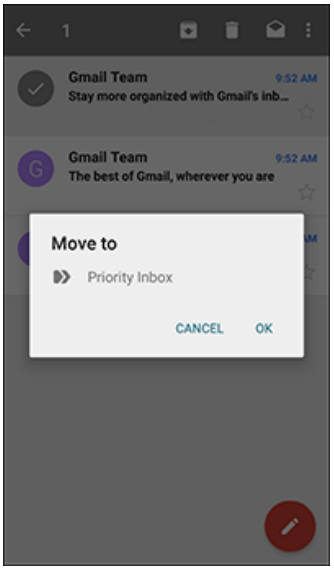
Gmail saves all mail in one box, but you can add labels that allow you to sort your Gmail conversation threads. For example, when a new thread starts with a received mail, the label “Inbox” is automatically added to the thread. By then adding the label “travel,” all threads with “travel” are shown in a list.

1. From home, tap **Apps** > **Gmail**.



❖ The inbox opens.

2. Touch and hold a conversation thread to add a checkmark to it, and then tap **Options** > **Move to**.

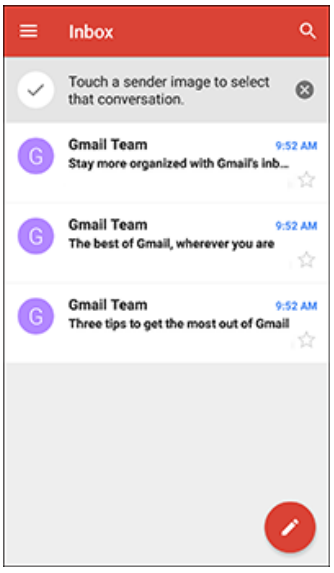


3. Tap a label for the thread.
   - ❖ The thread is added to the selected label.

Archive Gmail Threads

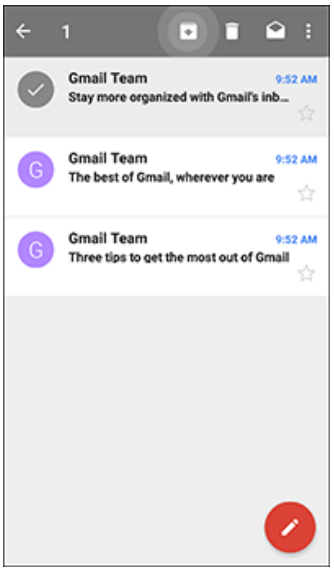
Remove sent and received Gmail threads so they do not appear in the inbox. When replies arrive for archived threads, they appear in the inbox again.

1. From home, tap **Apps** > **Gmail**.


Inbox
Touch a sender image to select that conversation.
Gmail Team
Stay more organized with Gmail's inb...
Gmail Team
The best of Gmail, wherever you are
Gmail Team
Three tips to get the most out of Gmail

   - ❖ The inbox opens.

2. Touch and hold a conversation thread to add a checkmark to it, and then tap **Archive** .

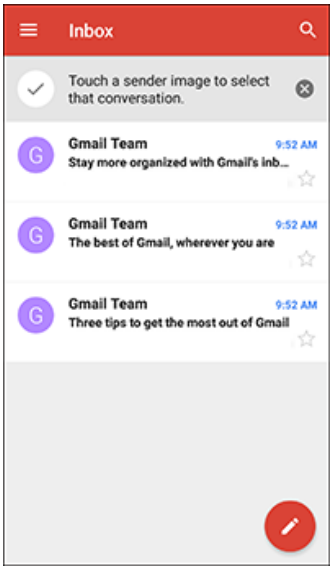


❖ The thread is now archived.

Mute Gmail Threads

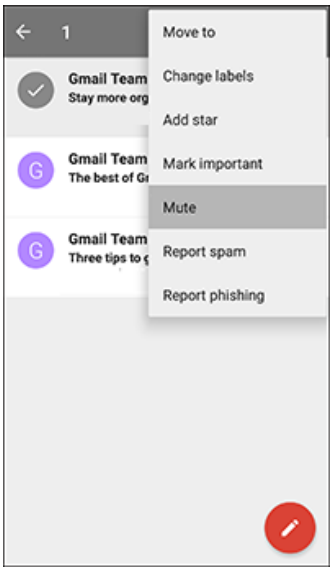
If registered on a mailing list, there will be threads with always-continuing conversations. For long threads that are not important, mute the threads and they will no longer appear in the inbox. When mail arrives that includes user's address as a recipient or in Cc, mail will again appear in the inbox.

1. From home, tap **Apps** > **Gmail** .



❖ The inbox opens.

2. Touch and hold a conversation thread to add a checkmark to it, and then tap **More Options** > **Mute**.



❖ The thread is now hidden.

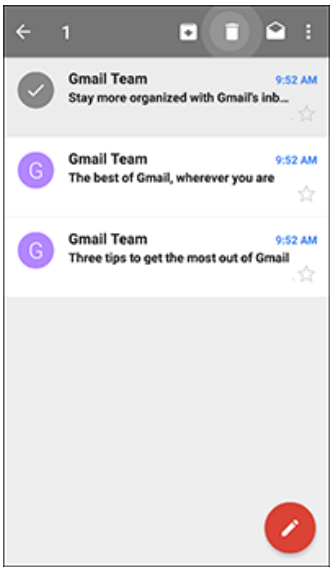
Delete Gmail Threads

If you no longer wish to keep a Gmail conversation thread, you can simply delete it from the inbox.

1. From home, tap **Apps** > **Gmail**.

❖ The inbox opens.

2. Touch and hold a conversation thread to add a checkmark to it, and then tap **Delete** > **OK**.

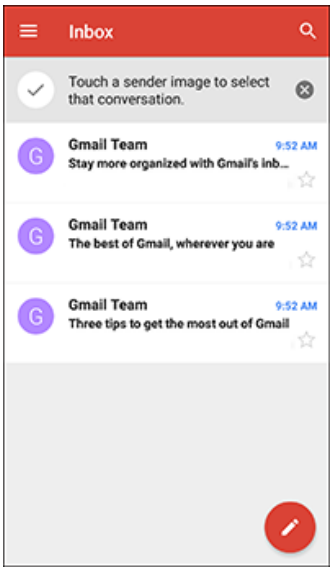


❖ The thread is deleted.

Search Gmail Messages

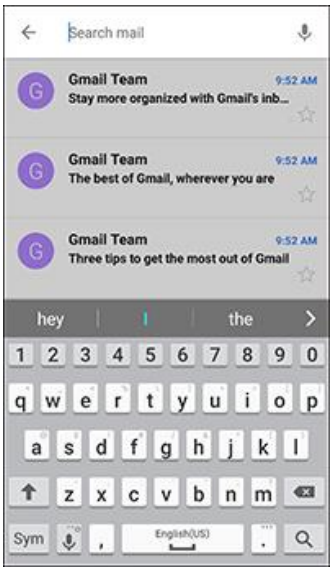
If you need to find a specific message or message thread, you can search Gmail from the inbox.

1. From home, tap **Apps** > **Gmail**.

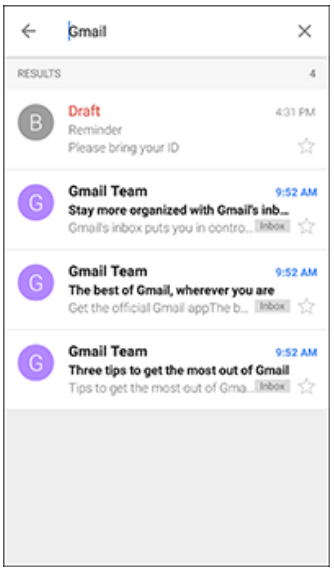


   - The inbox opens.

2. Tap **Search**.



3. Enter your search text and tap **Search** .

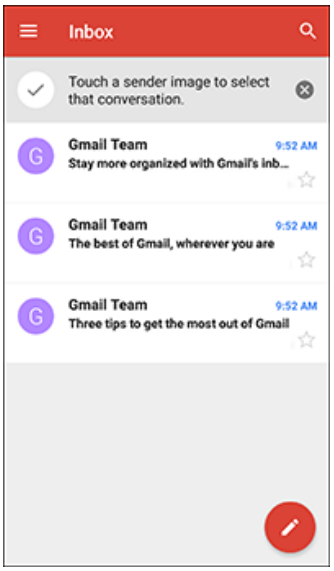


❖ The search results appear. Tap a message or thread from the list to display it.

Report Spam or Phishing Gmail

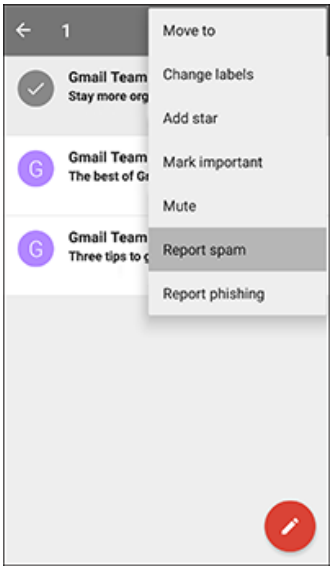
You can report spam or phishing Gmail messages from your phone's Gmail inbox.

1. From home, tap **Apps** > **Gmail** .



❖ The inbox opens.

2. Touch and hold a conversation thread to add a checkmark to it, and then tap **More options** > **Report spam** or **Report phishing**.

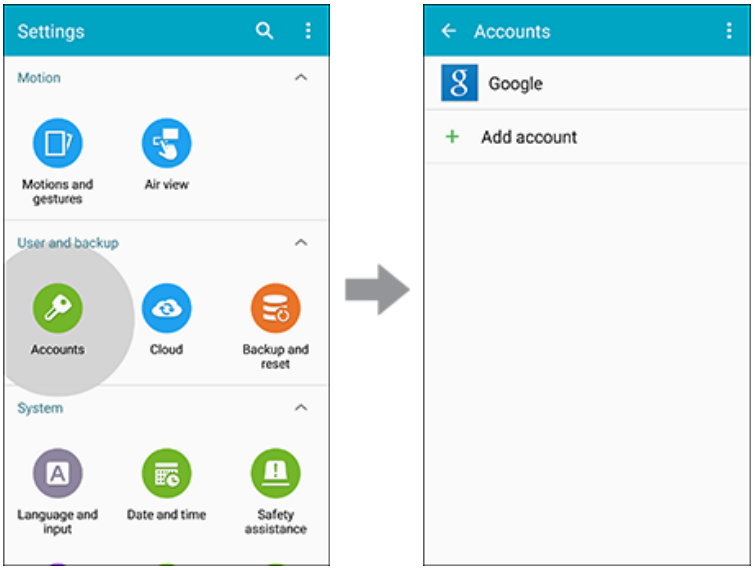


❖ The selected message is reported as spam or phishing Gmail.

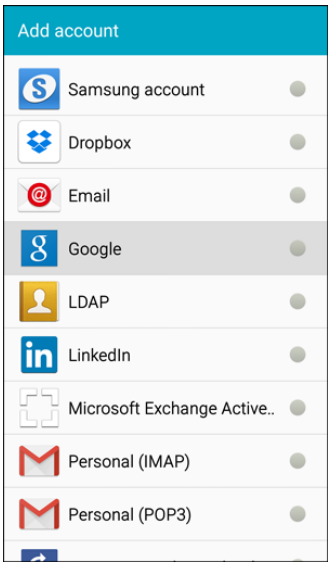
Add Another Google (Gmail) Account

If you have multiple Gmail accounts you wish to view on your phone, you can add them from the **Settings** > **Accounts** menu.

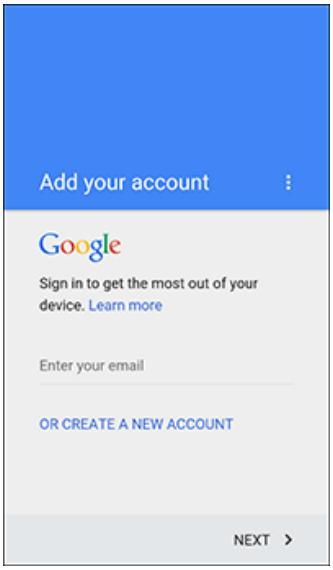
1. From home, tap **Apps** > **Settings** > **Accounts**.



2. Tap **Add account** > **Google**.



3. Enter your Gmail address, and then tap **NEXT**.

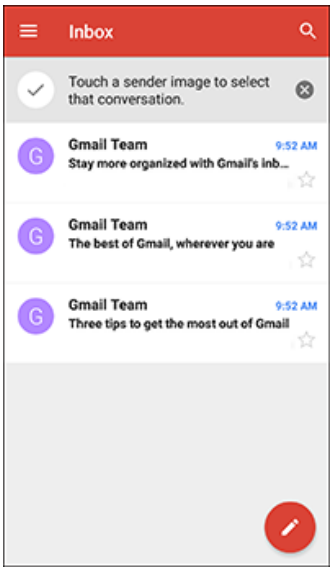


4. Follow the prompts on each screen to connect to your Google account.
5. After your phone connects with the Google servers, select the items you would like to sync with your phone and then tap **Sync now**.
6. Tap **Finish setup**.
   - ❖ You are signed in to your Google Account, and you can access both of your Gmail accounts from the Gmail app.

Switching between Gmail Accounts

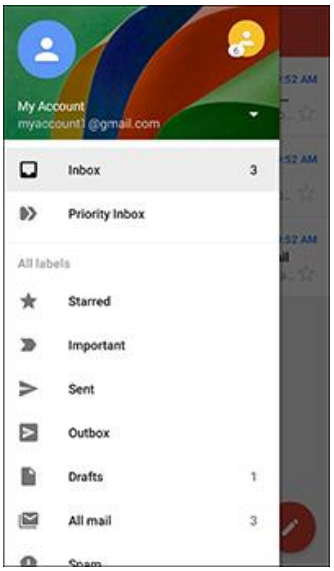
If you have more than one Gmail account set up, you can switch between them in the Gmail app.

1. From home, tap **Apps** > **Gmail**.

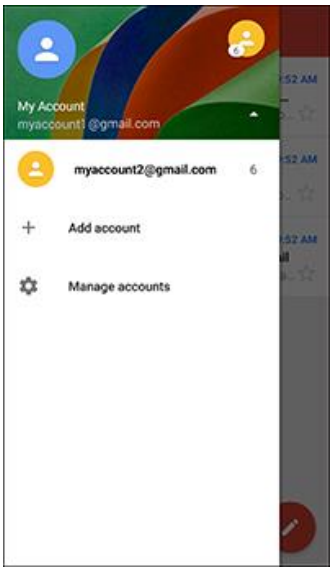


   ❖ The inbox opens.

2. Tap **Inbox**.



3. Tap the account arrow next to the current account name to see all Gmail accounts.



4. Tap the account you want to view.

   ❖ The selected account inbox is displayed.

Email

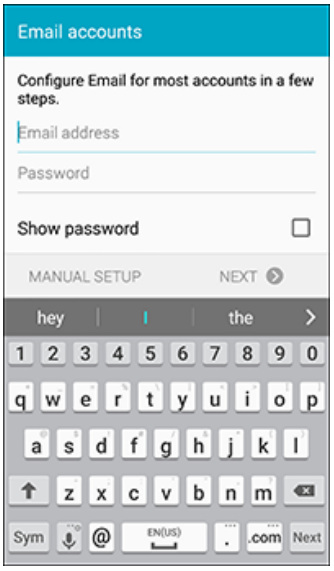
Use the Mail application to send and receive email from your webmail or other accounts, using POP3 or IMAP, or access your Exchange ActiveSync account for your corporate email needs.

Set Up an Email Account

Your phone supports several types of email accounts and allows you to have multiple email accounts set up at one time.

Before setting up an email account, make sure you have the username (user ID), password, server name, etc., so you can get set up successfully.

1. From home, tap **Apps** > **Email** .



   - A popup window for adding an account appears if no email account has been previously set up.

2. Follow the onscreen instructions to set up your email account.

   - The email account is set up and you will begin receiving email.

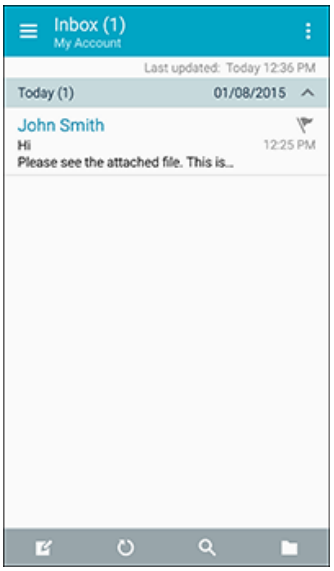
Add an Email Account

You can add several types of personal email accounts, such as POP3 and IMAP accounts, on your phone.

Add an Email Account from the Email App

You can add email accounts directly from the email app, even if you have another email account set up.

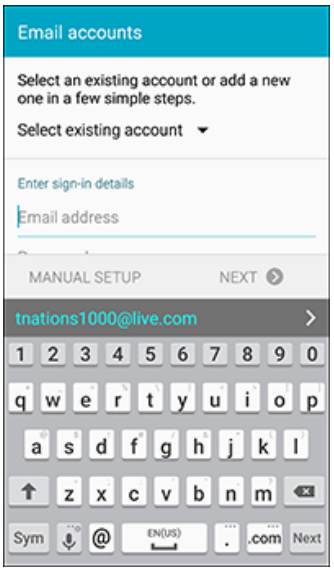
1. From home, tap **Apps** > **Email** .



❖ The email inbox opens.

2. Tap **More options** > **Settings** > **Manage accounts**.

3. Tap **Add account** .



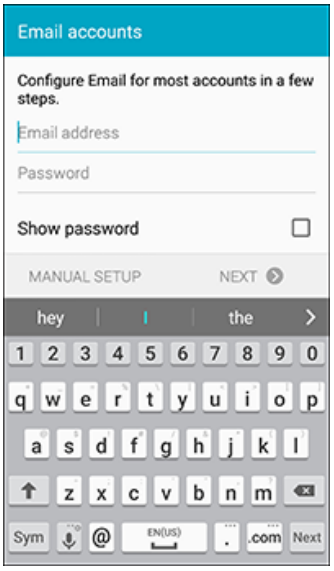
4. Follow the onscreen instructions to complete the account setup.

   ❖ The email account is added and you will begin receiving email for the account.

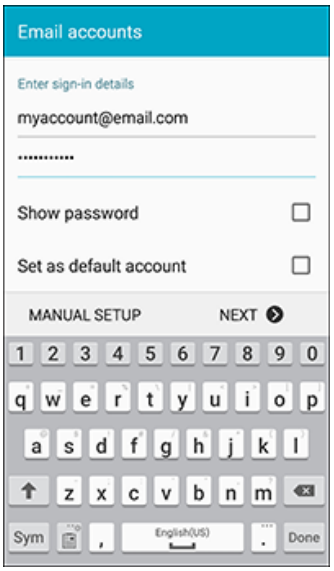
Add an Email Account from the Settings Menu

You can also set up email accounts from the Settings > Accounts menu.

1. From home, tap **Apps** > **Settings** > **Accounts** > **Add account** > **Email**.

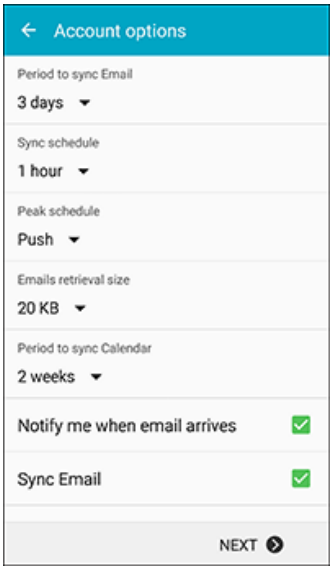


2. Enter the **Email address** and **Password** for the email account and then tap **NEXT**.

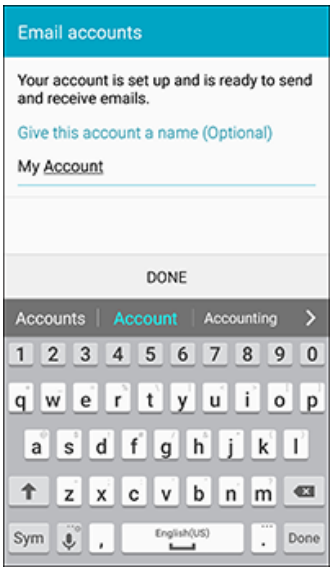


- ❖ Tapping **NEXT** prompts your phone to attempt a “regular” email setup and test the incoming and outgoing servers.
- ▪ If you have custom settings you need to configure, tap **Manual setup** and enter your settings. These may include mail type, user name, password, server, security type, etc.

3. Select your sync settings and then tap **NEXT**.



4. Enter an account name and a display name and tap **DONE** to complete setup.



- The email account is set up and you will begin receiving email for the account.

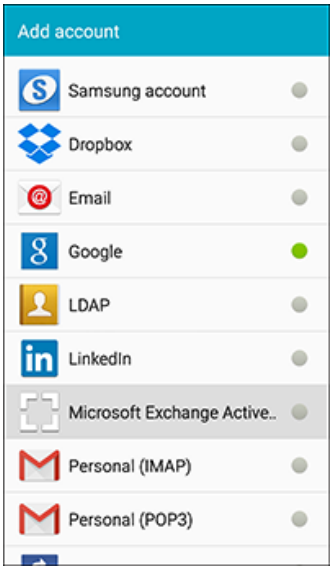
Important: If the account type you want to set up is not in the phone database, you will be asked to enter more details. You should get all pertinent information for the email account, such as incoming and outgoing server settings, before you proceed.

Add an Exchange ActiveSync Account

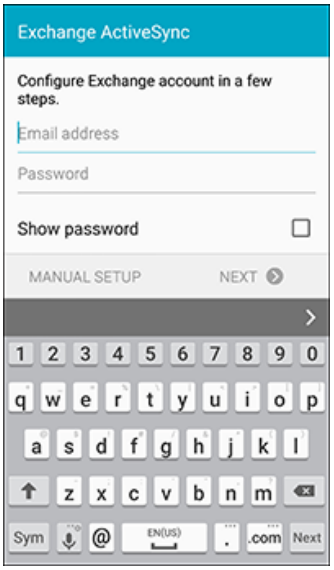
If you synchronize your phone with your Exchange ActiveSync account, you can read, manage, and send email in the same easy way as with a POP3/IMAP account. However, you can also access some powerful Exchange features.

Important: Before setting up a Microsoft Exchange ActiveSync Account, contact your company's Exchange Server administrator for required account settings information.

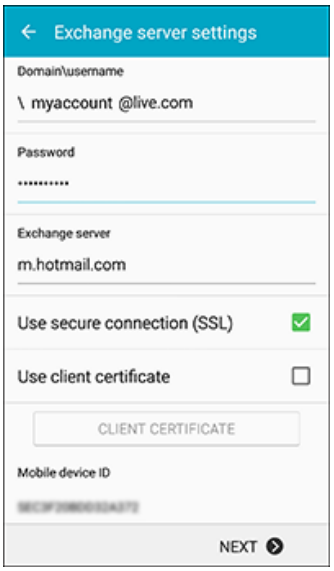
1. From home, tap **Apps** > **Settings** > **Accounts** > **Microsoft Exchange ActiveSync**.



2. Enter the **Email address** and **Password** for the email account and then tap **Manual setup**.



3. Enter the required information.



- **Domain\username**: Enter your network domain and username, separated by "\".
- **Password**: Enter your network access password (case-sensitive).
- **Exchange server**: Enter your system's Exchange server remote email address. Obtain this information from your company network administrator.
- **Use secure connection (SSL)**: Tap to place a checkmark in the box, if your system requires SSL encryption.
- **Use client certificate**: Tap to place a checkmark in the box, if your system requires certification.

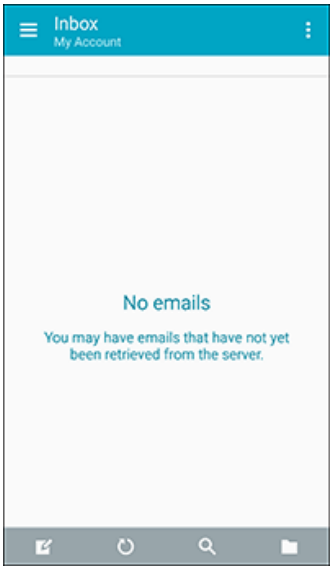
4. Follow the onscreen prompts to configure options for the account.
5. Enter an account name and a display name and tap **Done** to complete setup.

❖ Your corporate email account is set up and you will begin receiving email for the account.

Compose and Send Email

Compose and send email using any account you have set up on your phone. Increase your productivity by attaching files such as pictures, videos, or documents to your email messages.

1. From home, tap **Apps** > **Email** .



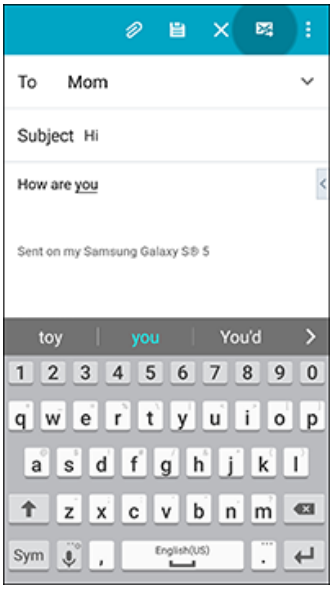
   ❖ The email inbox opens.

   - If you want to switch to a different email account, tap the account name at the top of the screen and select another account.

2. Tap **Compose** .

   ❖ The email composition window opens.

3. Enter the message recipient(s), subject, and message.
4. Tap **Send** .

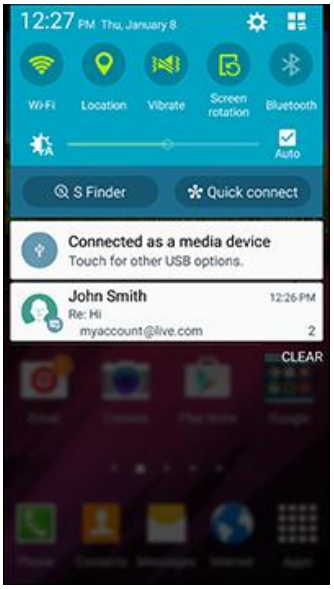


❖ The email message is sent.

Open New Email Messages

When new email arrives, you will see in the Status bar.

1. Drag the Status bar down to display the Notification panel.



2. Tap the new message from the Notification panel.

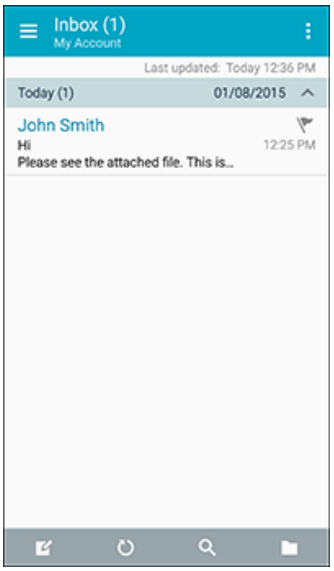
❖ The new email message opens.

- If you have two or more new email messages, tapping the notification opens the email inbox. Tap a message to open it.

Open Email Messages

You can also open and read email messages directly from the email inbox. Reading and replying to email on your phone is as simple as on your computer.

1. From home, tap **Apps** > **Email** .



❖ The email inbox opens.

2. Tap the message you want to view.
   - ❖ The email message opens.

Tip: Tap the account name at the top of the screen to switch to a different email account.

3. Tap **Reply** or **Reply all** to reply to the message.

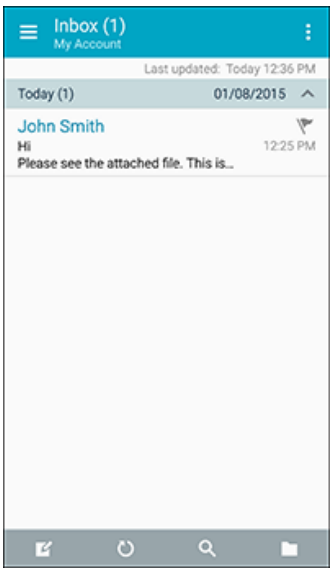
Options when Reviewing Email Messages

- **Resetting Mail as Unread**: Tap the check box on the left side of a read message and then tap **Mark as unread**.
- **Deleting Email**: Tap the check box on the left side of a message or messages and then tap **Delete**.
- **Syncing Accounts Manually**: Sync sent and received email messages manually at any time regardless of the automatic sync settings. Switch to the account you want to sync and then tap **Sync**.
- **Replying to Email Messages**: With an email message open, tap **Reply** or **Reply all**, compose your reply message, and tap **Send**.
- **Forwarding Email Messages**: With the email message open, tap **Forward**, enter a recipient and an additional message, and tap **Send**.

Delete an Email Account

You can delete an email account from your phone if you no longer wish to receive messages for the account on your phone.

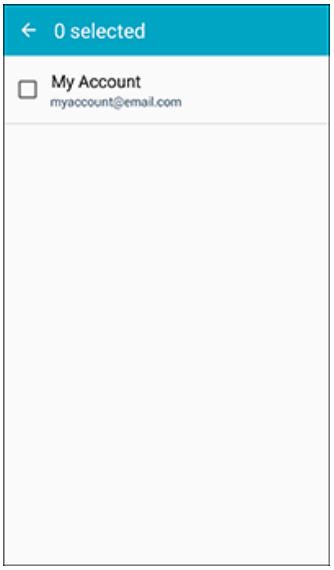
1. From home, tap **Apps** > **Email**.



   - ❖ The email inbox opens.

2. Tap **More options** > **Settings** > **Manage accounts**.

3. Tap **Delete** .



4. Select the account(s) to delete, and then tap **DONE**.

5. Tap **REMOVE** to confirm.

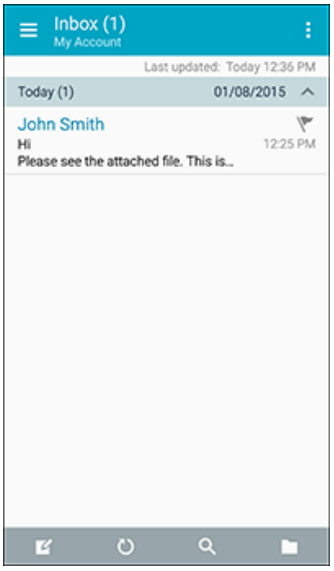
   ❖ The account is deleted from your phone

Manage Your Email Inbox

Your email inbox provides management options for viewing, sorting, and deleting your email messages.

View Your Email Inbox

1. From home, tap **Apps** > **Email** .



   ❖ The email inbox opens.

2. Tap the email account at the top of the screen to select a different inbox, or tap **Combined view** to see all your email inboxes at once.

Refresh an Email Account

Whatever your automatic synchronization settings are, you can also synchronize your sent and received email messages manually at any time.

- While viewing the account you want to synchronize, tap **Sync** .

Filter Email Messages

1. On the email account inbox, tap **More options** > **Filter by**.
2. Select options for filtering email messages.

Delete an Email Message

1. On the email account inbox, touch and hold the message you want to delete.
2. On the options menu, tap **Delete**.

Delete Multiple Email Messages

1. On the email account inbox, tap the check box next to the messages you want to delete.
2. Tap **Delete** .

Exchange ActiveSync Email Features

Set options for your corporate Exchange ActiveSync email messages, including synchronization options, signature, out-of-office messages, default account, and so on.

Synchronize Exchange ActiveSync Email

You can set Exchange ActiveSync to automatically check for new Exchange ActiveSync email messages.

Add a Signature to Emails

You can automatically append your signature to the bottom of emails.

Set Out of Office Status

You can set your Out of Office status and auto-reply message right from your phone.

Receive Email Notifications

Receive alerts and notifications when new emails arrive.

Notification Sound

Select the sound played when new emails arrive.

Vibrate

Set your phone to vibrate when new emails arrive.

Additional Settings

Configure Exchange ActiveSync account and security settings.

Data Services General Information (LTE and 3G Networks)

The following topics will help you learn the basics of using your data services, including managing your user name, launching a data connection, and navigating the Web with your phone.

Important: Certain data services requests may require additional time to process. While your phone is loading the requested service, the touchscreen or QWERTY keyboard may appear unresponsive when in fact they are functioning properly. Allow the phone some time to process your data usage request.

4G LTE

The Enhanced 4G LTE network provides your phone with wireless Internet access over greater distances than Wi-Fi and delivers data transfer rates of up to 60 Mbps. To connect your phone to the Enhanced 4G LTE network, you need to be in an area covered by the Enhanced 4G LTE network.

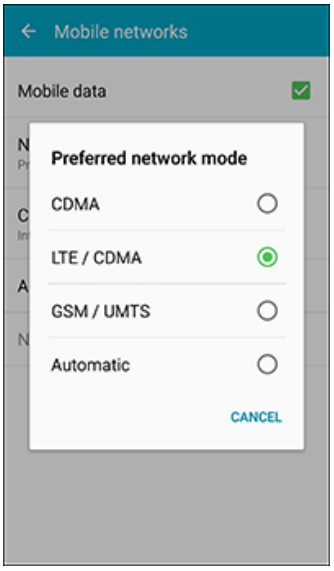
For more information about the availability of Enhanced 4G LTE in your location, visit virginmobileusa.com.

Note: The availability and range of the network depends on a number of factors including your distance to the base station, and infrastructure and other objects through which the signal passes.

Set Your Network Options

1. From home, tap **Apps** > **Settings** > **More networks** > **Mobile networks** > **Network mode**.

2. Select an available network mode.



   - The phone will scan for the best available network and will automatically connect to it.

When your phone is connected via Enhanced 4G LTE network, the LTE icon LTE appears on the Status bar.

Note: The Enhanced 4G LTE network is self-discoverable, which means no additional steps are required for your phone to connect to it.

Data Connection Status and Indicators

Your phone displays the current status of your data connection through indicators at the top of the screen. The following symbols are used:

Icon	Status
	Network (full signal): The number of bars indicates the strength of the signal. More bars mean a better signal.
	Enhanced 4G LTE data service: Your phone is connected to the Enhanced 4G LTE network. The rays spin when data is being transferred.
	3G (data service): Your phone is connected to the 3G network. When the icon is animated, your phone is transferring or receiving data.

Internet Browser

Your phone's Internet browser gives you full access to both mobile and traditional websites on the go, using 3G, 4G, or Wi-Fi data connections.

SSL/TLS

SSL (Secure Sockets Layer) and TLS (Transport Layer Security) are protocols for encrypting sent/received data. While in a screen connected by SSL/TLS, data is encrypted to safely send/receive private information, credit card numbers, corporate secrets, etc., and provide protection against online threats (eavesdropping, falsification, impersonation, etc.).

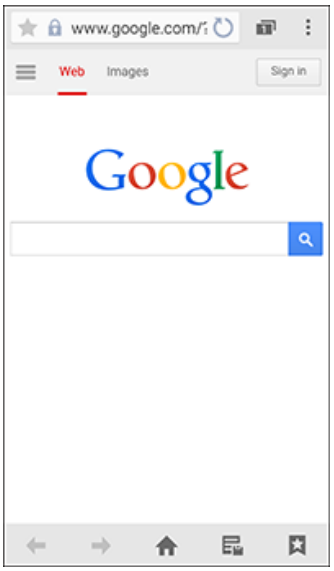
SSL/TLS Cautions

When opening a secured page, users must decide as their responsibility whether or not to open the page with use of SSL/TLS. Virgin Mobile and the applicable Certification Authorities make no guarantees whatsoever to users regarding security of SSL/TLS.

Use the Browser

Launching the browser is as easy as tapping an icon.

- From home, tap **Apps** > **Internet** .



  - ❖ The browser opens.
  - The first time you launch Internet, you may be prompted to enter your 10-digit wireless phone number to access the Virgin Mobile home page.
  - You can also launch the browser by tapping a URL in a text message, email message, or Gmail message.

Browser Use Options

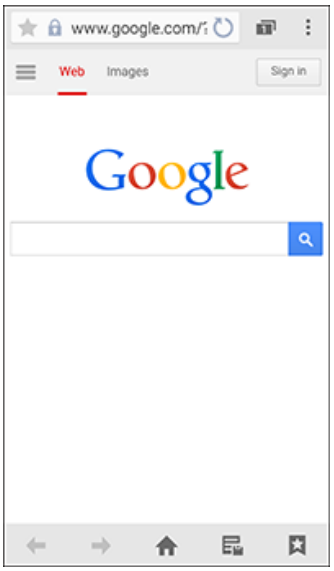
- **Searching within a Web Page**: With a Web page displayed, tap **More options** > **Find on page**, and enter your search text.

Tip: To change the phone's default launch page to your current page, tap **More options** > **Settings** > **General** > **Set home page** > **Current page**.

Add a Bookmark

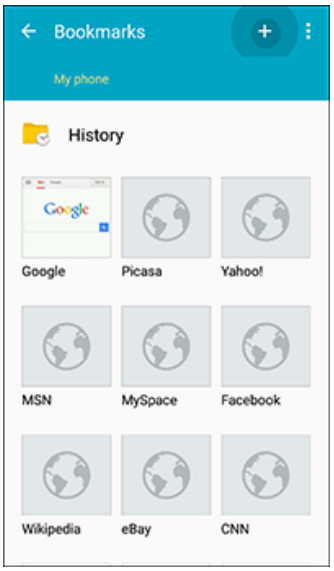
Bookmark favorite sites using the browser menu options.

1. From home, tap **Apps** > **Internet** .



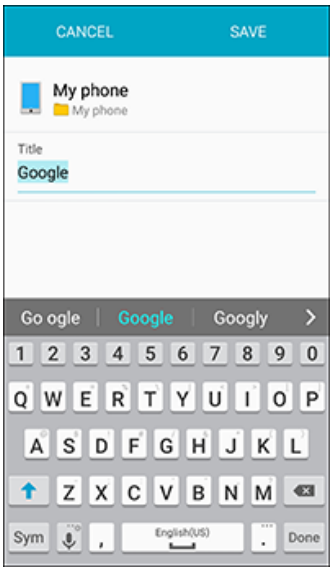
❖ The browser opens.

2. Navigate to the Web page you want to bookmark, and tap **Bookmarks** > **Add Bookmark** .



❖ The add bookmark window opens.

3. Check or change the bookmark title, URL, etc., and then tap **SAVE**.



❖ The Web page is added to bookmarks.

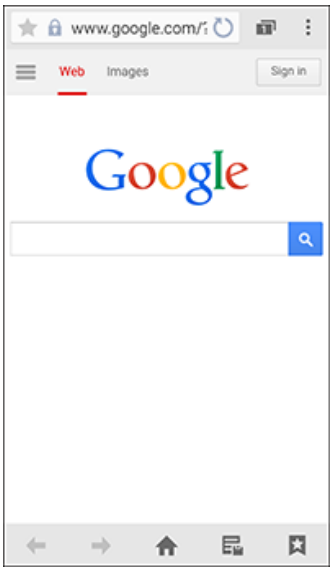
Bookmark Options

- **Editing Bookmarks**: From the browser, tap **Bookmarks**, touch and hold a bookmark, tap **More options** > **Edit bookmark**, edit the bookmark, and then tap **Save**.
- **Deleting Bookmarks**: From the browser, tap **Bookmarks**, touch and hold a bookmark, tap **Delete**, and then tap **OK**.

View Browser History

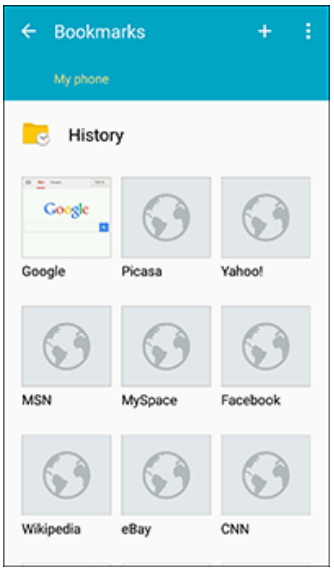
Use the browser menu options to view your browsing history.

1. From home, tap **Apps** > **Internet** .



❖ The browser opens.

2. Tap **Bookmarks** .



❖ The bookmark window opens.

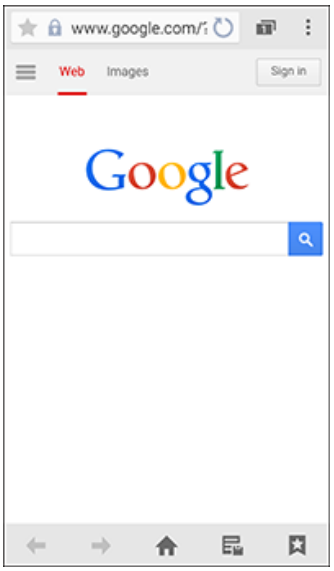
3. Tap **History** tab and then tap an entry.

❖ The Web page opens.

Open New Browser Windows

Use windows to switch between websites quickly and easily.

1. From home, tap **Apps** > **Internet** .



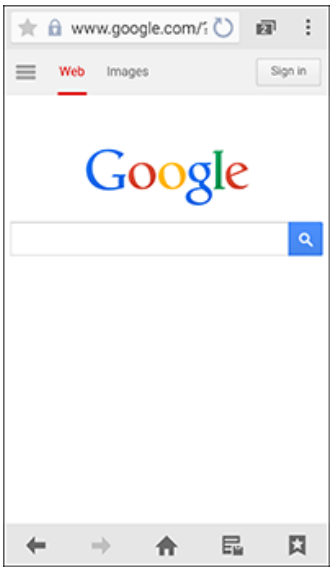
❖ The browser opens.

2. Tap **Windows** 1.

❖ The window opens.

- If you don't see **Windows** 1, drag the Web page down to display the address bar.

3. Tap **New window** +.



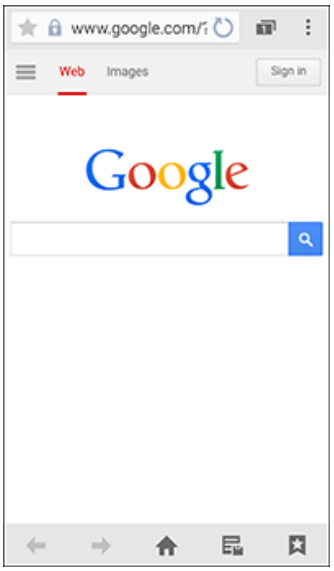
❖ A new window appears.

- To switch windows, tap **Windows** 2, and then touch a thumbnail.

Browser Settings

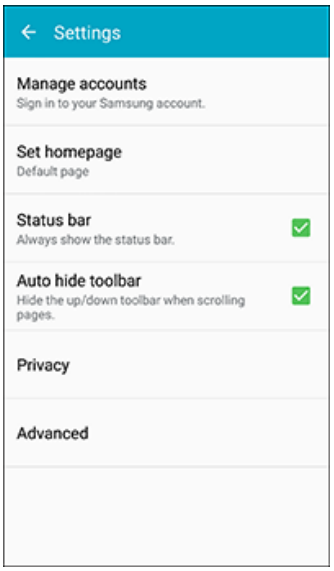
Customize your experience with the Internet through the browser settings menu.

1. From home, tap **Apps** > **Internet** .



   ❖ The browser opens.

2. Tap **More options** > **Settings**, and customize your browser settings.

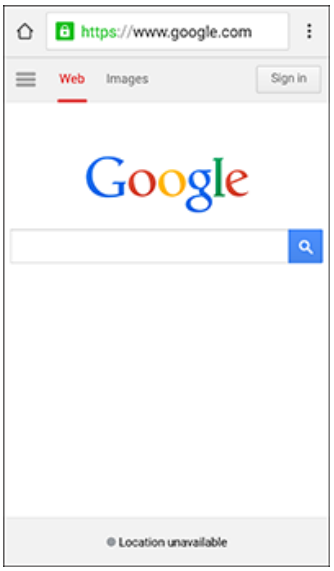


   ❖ Your browser settings are saved.

Chrome Browser

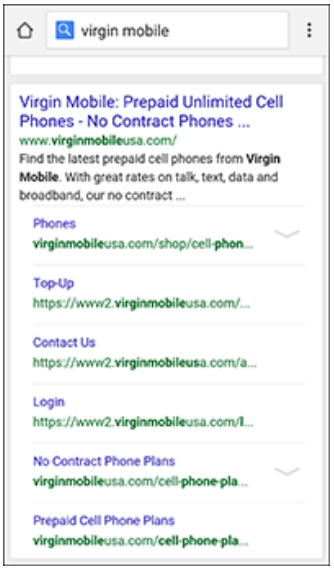
In addition to the default “Internet” Web browser, your phone supports the Chrome mobile Web browser. If you are signed in with a Google Account, the Chrome browser will import all your bookmarks and other Web preferences for use on your phone.

1. From home, tap **Apps** > **Chrome** .



   ❖ Chrome opens.

2. Tap the address bar at the top and enter search words (for a Google search) or a Web address (URL).



   ❖ The search results appear or a Web page opens.

Chrome Support

- To find on-phone help with Chrome, from Chrome, tap **More options** > **Help & feedback**.
  - A Web page will open displaying Google help for Chrome.

Tip: For more information, from your computer, visit: google.com/intl/en/chrome/browser/mobile/.

Camera and Video

You can use the camera or video camera to take and share pictures and videos. Your phone comes with a 5 megapixel camera with an autofocus feature that lets you capture sharp pictures and videos.

Take Pictures and Record Videos

The following topics teach you how to take pictures and record videos with your phone's camera.

Capturing Pictures/Videos

- **File Format for Pictures**: File format for pictures is JPEG.
- **File Format for Videos**: File format for videos is MPEG4.

⚠ Camera Cautions

If Lens Becomes Dirty: Fingerprints/smudges on lens prevent capturing of clear still images/videos. Wipe lens with a soft cloth beforehand.

Avoid Exposure to Direct Sunlight: Be careful not to expose lens to direct sunlight for long periods. This may discolor color filter and affect color of images.

⚠ Mobile Light Warning

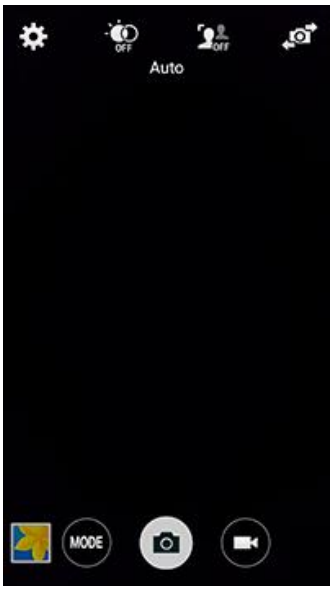
Do not shine Mobile Light close to eyes. Do not look directly at Mobile Light when shining. Do not shine Mobile Light at other people's eyes. May affect eyesight, etc.

Take a Picture

You can take high-resolution pictures using your phone's camera.

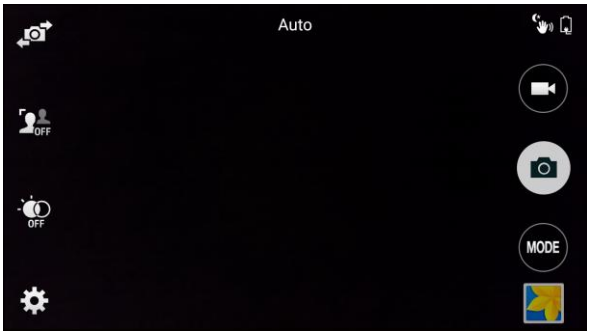
Note: If you have an SD card installed, pictures and videos are stored to the SD card. If no card is installed, pictures and videos are saved to your phone's memory.

1. From home, tap **Apps** > **Camera** .



   ❖ The camera viewfinder appears.

2. Aim the camera at your subject and then touch and hold .



   ❖ Auto focus activates.

3. Release to take the picture.

   ❖ The shutter clicks and the picture is captured and saved to your phone or SD card.

Viewfinder Screen

The Viewfinder screen lets you view your subject and access camera controls and options.

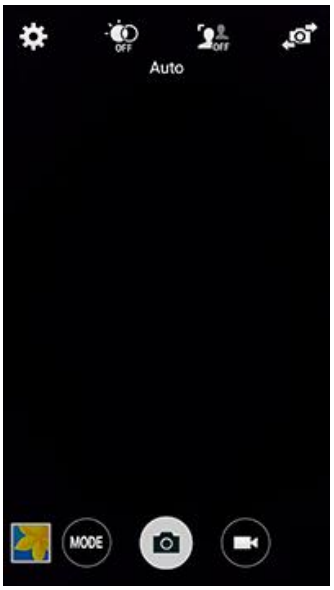
- **Current Shooting Mode**: Display the current shooting mode. To change shooting modes, tap MODE.
- **Switch Between Front/Back Cameras**: Switch between the back camera lens and the front-facing camera lens (for self-portraits, video chatting, etc.).
- **Shortcuts Menu**: Shortcuts menu which gives you quick access to frequently used camera settings. To customize the Shortcuts menu, touch and hold an icon to display the available options, and then drag an icon onto or off of the Shortcuts menu.
- **Camera Settings**: Opens the camera settings menu and lets you change additional camera settings. See Camera Settings.
- **Record Video**: Begin recording video.
- **Capture Picture**: Take a picture.
- **Shooting Modes**: Select a shooting mode.
- **Gallery**: View your picture or Video in the Gallery application.

Record Videos

Record high-quality videos using your phone's video camera.

Note: If you have an SD card installed, pictures and videos are stored to the SD card. If no card is installed, pictures and videos are saved to your phone's memory.

1. From home, tap **Apps** > **Camera** .



   ❖ The camera viewfinder appears.

2. Aim the camera at your subject and then tap **Record** .

   ❖ Video recording begins.

3. Tap to pause recording. Tap to stop recording.

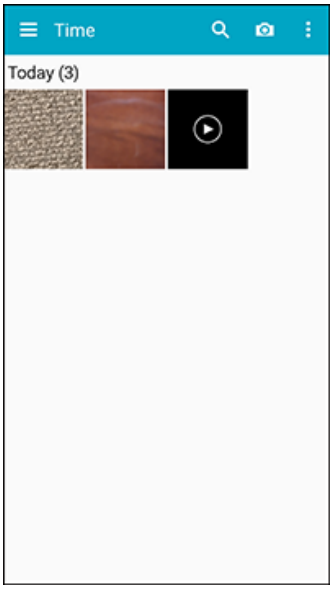
   ❖ The camera stops recording and the video is captured and saved to your phone or SD card.

View Pictures and Videos

Using the Gallery application, you can view pictures and watch videos that you've taken with your phone's camera, downloaded, or copied onto your storage card or phone memory. You can also take a look at your pictures and your friends' pictures that are on your social networks (Facebook and Flickr only).

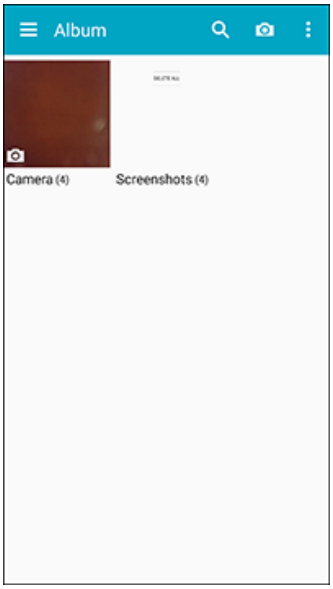
For pictures that are on your storage card or phone memory, you can do basic editing such as rotating and cropping. You can also easily assign a picture as your contact picture or wallpaper and share pictures with your friends.

1. From home, tap **Apps** > **Gallery** .



❖ The Gallery opens.

2. Tap **Menu** to sort photos and videos by **Time** or **Album**. If you select Album, tap on one of the album categories (such as **Camera**) to view the photos and videos.



   - ❖ The list of pictures and videos for the album opens.
   - ▪ To select another album, tap **Back** to return to the Album list.

3. Tap an image to view the picture or video.

   - ❖ The picture opens or the video begins playing.
   - ▪ Tap a picture or video to view it full screen.
   - ▪ When viewing pictures and videos, you can touch and hold an image to open a selection menu and choose what to do with the picture or video.

Pictures and Videos: Review Screen

After capturing a picture or video, from the camera screen, tap the thumbnail image at the bottom right corner of the screen to see the item in the review screen. From there, you can access options such as save, view, send, or delete the picture or video.

Pictures and Videos: Options while Viewing

- **Zoom In or Out on a Picture**: Tap the screen twice or pinch the screen to zoom in or out on a picture.
- **Viewing Videos**: Use the onscreen controls to play, pause, or stop the video playback.

After selecting an album from the Albums tab, you can browse through the pictures and videos of that album. Tap a picture or video to view it in full screen. By default, the pictures and videos in an album are displayed in grid view.

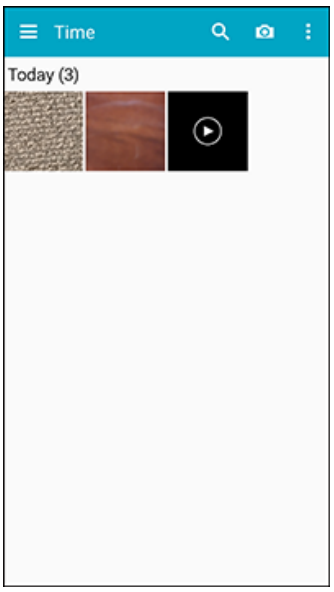
Note: When viewing pictures, you can touch and hold on a picture or video to open a selection menu and choose what to do with the picture or video.

Edit Pictures

Whether you are browsing pictures in filmstrip or grid view in the Gallery application, you can touch and hold on a picture to open a selection menu and choose to delete the picture, rotate or crop it, and more.

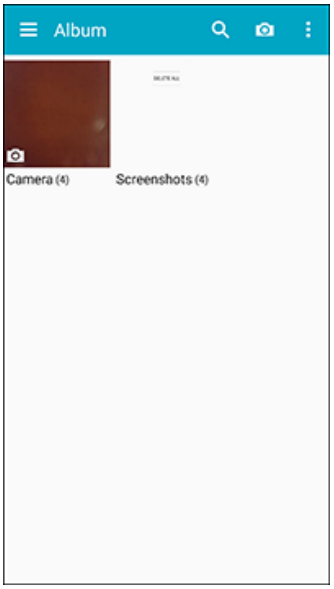
Rotate and Save a Picture

1. From home, tap **Apps** > **Gallery** .



❖ The album list opens.

2. Tap **Menu** to sort photos and videos by **Time** or **Album**. If you select Album, tap on one of the album categories Album (such as Camera) to view the photos and videos.



❖ The list of pictures and videos for the album opens.

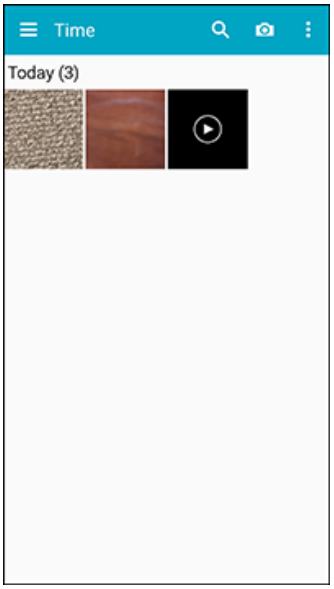
3. Tap the picture you want to rotate.

4. Tap **More options** and then select either **Rotate left** or **Rotate right**.

❖ The picture is rotated and saved to the phone or SD card, depending on your settings.

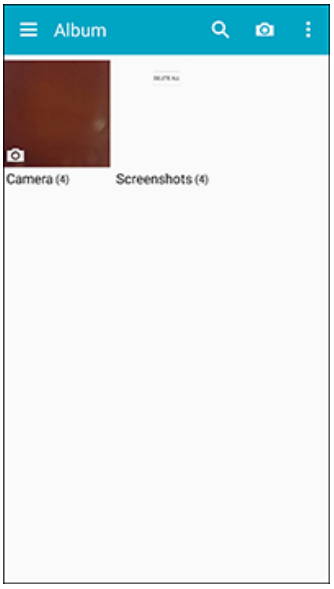
Crop a Picture

1. From home, tap **Apps** > **Gallery** .



   ❖ The album list opens.

2. Tap **Menu** to sort photos and videos by **Time** or **Album**. If you select Album, tap on one of the album categories Album (such as Camera) to view the photos and videos.



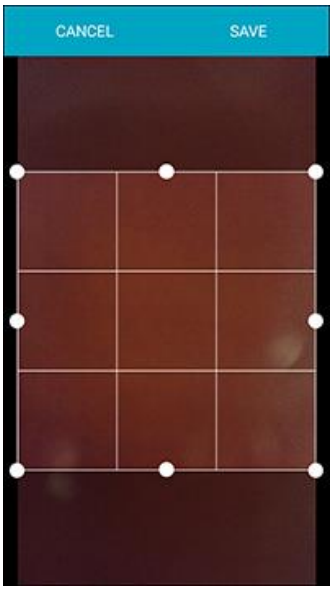
   ❖ The list of pictures and videos for the album opens.

3. Tap the picture you want to crop.

4. Tap **More options** > **Crop**.

   - ❖ A crop box appears on the picture.

5. To adjust the crop box size, touch and hold the edge of the box. Drag your finger inward to or outward to resize the crop box.



   - ▪ To move the crop box to the part of the picture that you want to crop, drag the crop box to the desired size and position.

6. Tap **SAVE** to apply the changes to the picture.

   - ❖ The cropped picture is saved in the album as a copy. The original picture remains unedited.

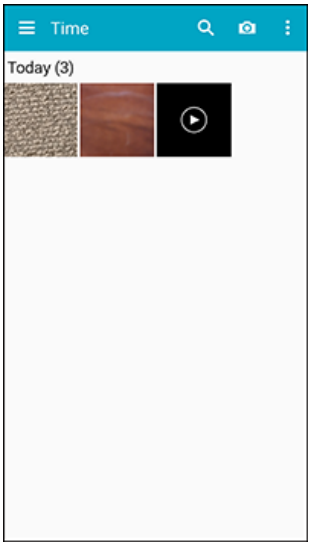
Share Pictures and Videos

The Gallery application lets you send pictures and videos using email or multimedia messages. You can share pictures on your social networks (such as Facebook, Flickr, Picasa, and Twitter) and share videos on YouTube. You can also send them to another phone or your computer using Bluetooth.

Send Pictures or Videos by Email

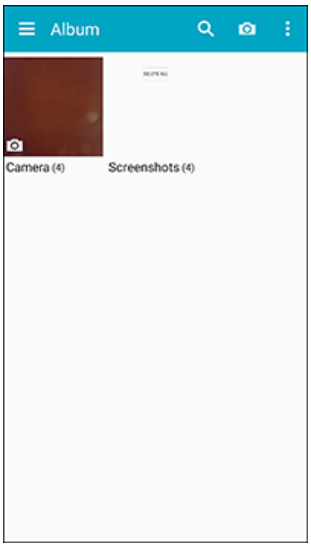
You can send several pictures, videos, or both in an email or Gmail message. They are added as file attachments in your email. For more information about using email and Gmail, see Compose and Send Email or Create and Send a Gmail Message.

1. From home, tap **Apps** > **Gallery**.



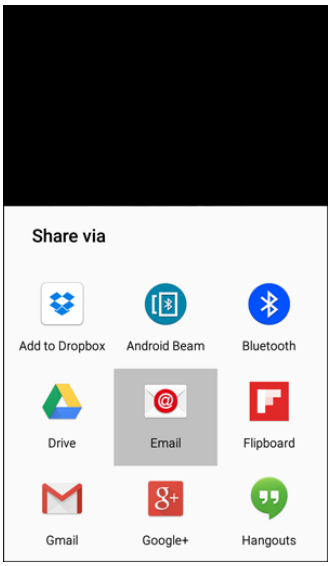
❖ The album list opens.

2. Tap **Menu** to sort photos and videos by **Time** or **Album**. If you select Album, tap on one of the album categories Album (such as Camera) to view the photos and videos.



❖ The list of pictures and videos for the album opens.

3. Tap the album that contains the picture or video you want to share.
4. Tap the picture or video you want to share.
   - To select multiple items, touch and hold an image to turn on multiple select. Tap all the items you want to include.
5. Tap **Share** . On the Share via menu, tap either **Email** or **Gmail**.



   - ❖ Follow onscreen prompts to complete and send the message.

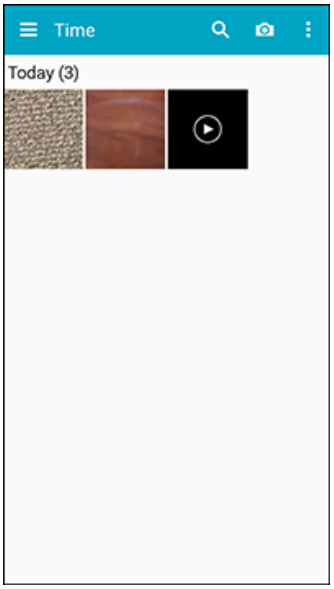
Note: If you selected **Mail** and you have multiple email accounts, the default email account will be used.

For more information about using email and Gmail, see Compose and Send Email or Create and Send a Gmail Message.

Send a Picture or Video by Multimedia Message

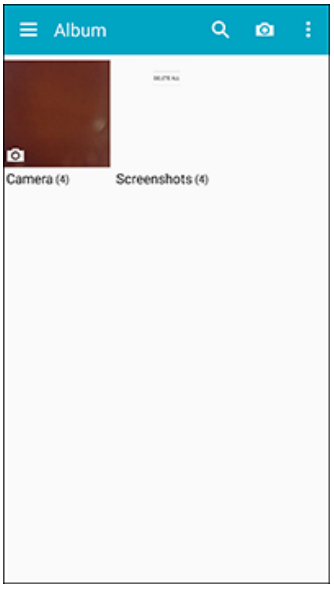
Multimedia Messaging (MMS) lets you send pictures and videos using your phone's messaging app. Although you can send several pictures or videos in a multimedia message, it may be better to just send one at a time, especially if the files are large in size.

1. From home, tap **Apps** > **Gallery**.



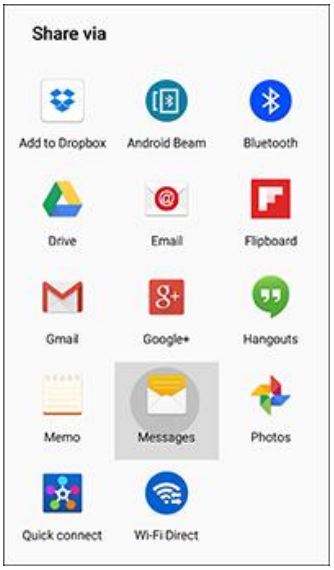
   ❖ The album list opens.

2. Tap **Menu** to sort photos and videos by **Time** or **Album**. If you select Album, tap on one of the album categories Album (such as Camera) to view the photos and videos.



   ❖ The list of pictures and videos for the album opens.

3. Tap the album that contains the picture or video you want to share.
4. Tap the picture or video you want to share.
   - To select multiple items, touch and hold an image to turn on multiple select. Tap all the items you want to include.
5. Tap **Share** and then on the Share via menu, tap **Messages**.



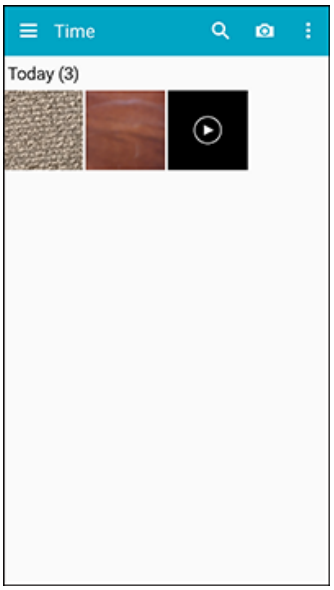
❖ Follow the onscreen prompts to complete and send the message.

For more information about sending multimedia messages, see Send a Multimedia Message (MMS).

Send Pictures or Videos Using Bluetooth

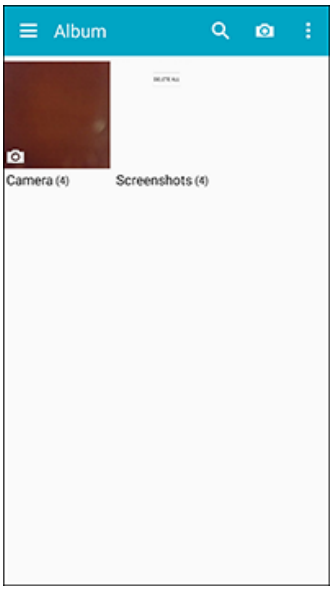
You can select several pictures, videos, or both and send them to someone's phone or your computer using Bluetooth.

1. From home, tap **Apps** > **Gallery**.



   ❖ The album list opens.

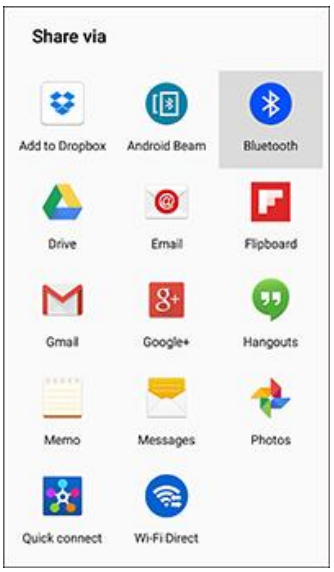
2. Tap **Menu** to sort photos and videos by **Time** or **Album**. If you select Album, tap on one of the album categories Album (such as **Camera**) to view the photos and videos.



   ❖ The list of pictures and videos for the album opens.

3. Tap the album that contains the picture or video you want to share.

4. Tap the picture or video you want to share.
   - To select multiple items, touch and hold an image to turn on multiple select. Tap all the items you want to include.
5. Tap **Share** and then on the Share via menu, tap **Bluetooth**.

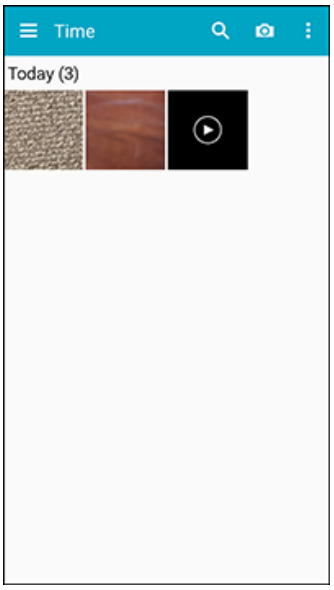


❖ Follow the onscreen prompts to complete and send the files. For more information, see Bluetooth.

Share Videos on YouTube

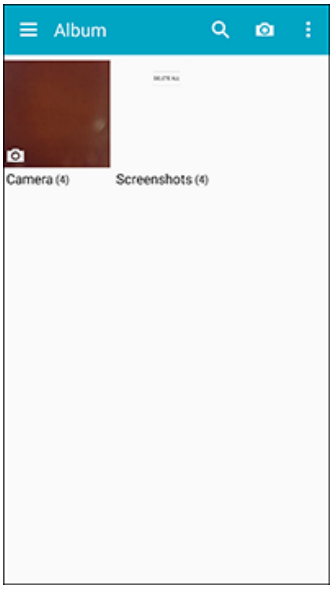
You can share your videos by uploading them to YouTube™. Before you do this, you must create a YouTube account and sign in to that account on your phone.

1. From home, tap **Apps** > **Gallery** .



❖ The album list opens.

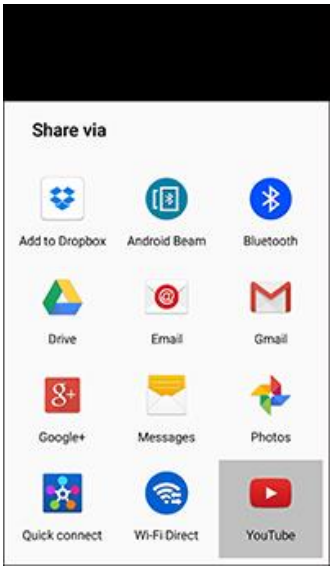
2. Tap **Menu** to sort photos and videos by **Time** or **Album**. If you select Album, tap on one of the album categories Album (such as **Camera**) to view the photos and videos.



❖ The list of pictures and videos for the album opens.

3. Tap the album that contains the video you want to share.

4. Tap the video you want to share.
    - To select multiple videos, touch and hold an image to turn on multiple select. Tap all the videos you want to include.
5. Tap **Share** and then on the Share via menu, tap **YouTube**.



6. Enter the prompted information, such as description and tags, and select a privacy option.
7. Tap **Upload**.
    - ❖ The upload is completed.

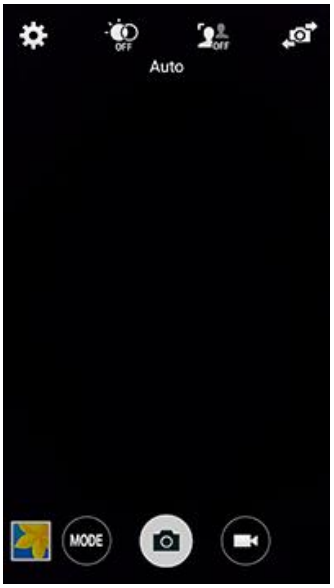
Camera Settings

You can adjust your camera's settings using the icons on the main camera screen and the full camera settings menu.

Switch Cameras

Your phone lets you switch between the front and back cameras.

1. From home, tap **Apps** > **Camera** .



   ❖ The camera viewfinder appears.

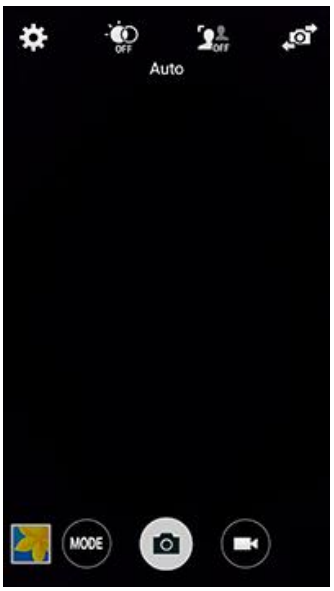
2. Tap **Switch cameras** .

   ❖ The viewfinder switches between the front and back cameras.

Set Camera Settings

You can configure your camera's settings to fit any situation and event.

1. From home, tap **Apps** > **Camera** .



   ❖ The camera viewfinder appears.

2. Tap **Settings** .

   ❖ The camera settings menu opens. Settable items differ depending on which camera (front/back) and camera mode in use.

3. Select your desired settings.

   ❖ The settings are applied.

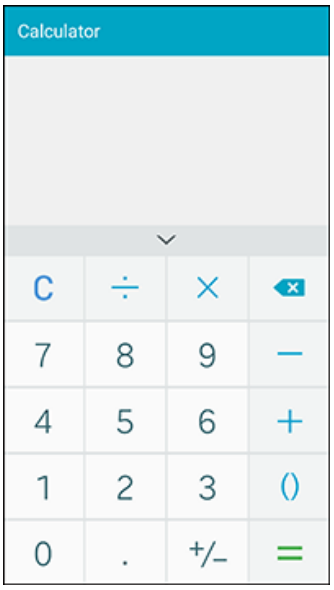
Useful Apps and Features

The following topics detail many of your phone's tools and features such as maps and navigation, calendar, clock, social networking apps, music, memos, and more.

Calculator

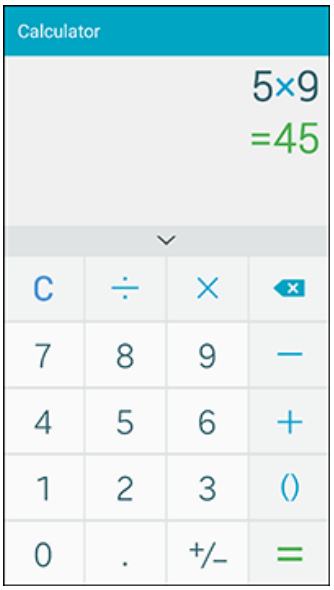
Your phone's convenient built-in calculator lets you perform basic mathematical equations.

1. From home, tap **Apps** > **Calculator** .



❖ The calculator app launches.

2. Tap onscreen keys for calculations.



❖ Calculation results appear.

3. To use the scientific calculator, make sure Screen rotation is turned on (**Notification panel** > **Screen rotation**), and rotate the screen to the landscape orientation.

❖ Keys for the scientific calculator appear.

Calendar

Use Calendar to create and manage events, meetings, and appointments. Your Calendar helps organize your time and reminds you of important events. Depending on your synchronization settings, your phone's Calendar stays in sync with your Calendar on the Web, Exchange ActiveSync calendar, Google Calendar, and Outlook calendar.

In order to sync with your Google calendar, you must sign in to a Google account on your phone. See Google Account.

Calendar Operations

- **View Today's Calendar**: From the Calendar, tap **Today**.
- **Change Calendar View**: From the Calendar, tap , and then tap **Year**, **Month**, **Week**, **Day**, or **Agenda** to change the current view.
- **View Next/Previous Month (Month View)**: From the Calendar, flick the screen left or right.
- **View Next/Previous Week (Week View)**: From the Calendar, flick the screen left or right.
- **View Next/Previous Day (Day View)**: From the Calendar, flick the screen left or right.

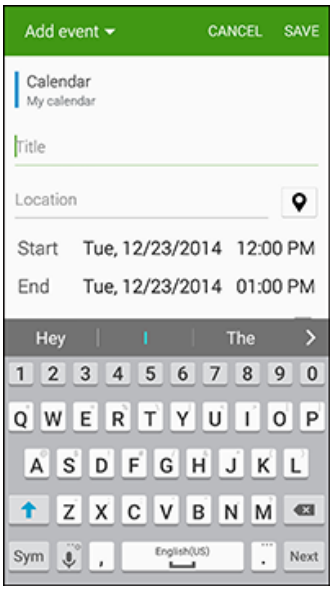
Add an Event to the Calendar

Add events to your calendar directly from the Calendar application.

1. From home, tap **Apps** > **Calendar** .

❖ The Calendar app opens.

2. Tap **Add** .



❖ The add event window opens.

3. Enter an event title, start date/time, end date/time, etc., and then tap **Save**.

❖ The event is added to your calendar.

Selecting a Calendar

If you have more than one calendar, select a calendar in which to add events.

- While viewing a calendar, tap **More options** > **Calendars**. The following options are available:
  - Select **My Calendars** to create an event that will appear only on your phone.
  - Select your Google Account to create a Google Calendar event. If you have several Google Calendars on the Web, select one in which to add your event.
    - You can create multiple Google Calendars only in Google Calendar on the Web. After creating them in Google Calendar on the Web, you'll be able to see them in the Calendar application on your phone. For more information about creating and managing multiple Google Calendars, visit the Google website: calendar.google.com.
  - If you have synchronized your phone with an Exchange ActiveSync account or Outlook on your computer, you can also select these calendars.
  - Select **PC Sync** to create an Outlook Calendar event to sync with your computer.
  - Select **Exchange** to create an Exchange ActiveSync calendar event.

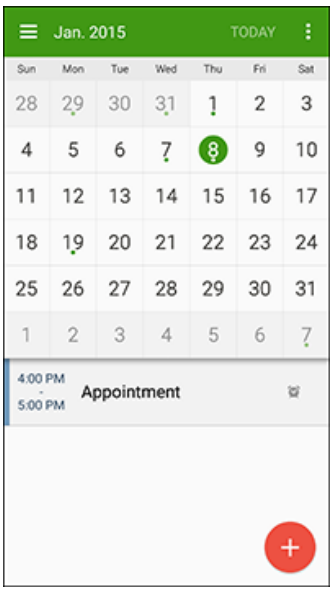
View Calendar Events

You can display the Calendar in daily, weekly, monthly, or agenda view. To change the Calendar view, tap the **Year**, **Month**, **Week**, **Day**, **Agenda**, or **Task** tabs along the side.

1. From home, tap **Apps** > **Calendar** .

❖ The Calendar app opens.

2. Tap a date and then tap an event.



❖ The event details appear.

- Tap the event to view details, and then tap to edit the event.

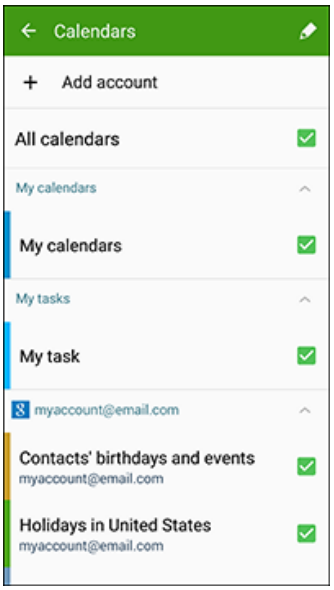
Sync Calendars

You can select which calendars you'd like to sync on your phone, along with what types of information you want to sync.

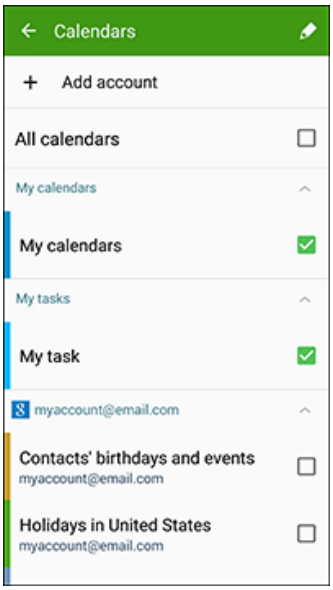
1. From home, tap **Apps** > **Calendar** 31.

   ❖ The Calendar app opens.

2. Tap **More options** > **Calendars**.

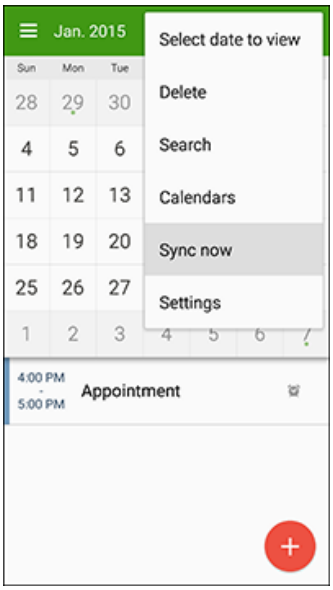


3. Select sync options by adding or removing check marks from the items.



❖ The sync settings have been updated.

4. Tap Back to return to Calendar view, and then tap **More options** > **Sync now**.



❖ The selected calendars sync.

Synchronize an Exchange ActiveSync Calendar

If you have set up a Microsoft Exchange ActiveSync account on your phone, you can also synchronize Exchange ActiveSync calendar events on your phone. Calendar events on your Exchange ActiveSync will also show in Calendar if you chose to synchronize with the Exchange ActiveSync Server.

1. To check if Exchange ActiveSync items are set to be synchronized, from home, tap **Apps** > **Settings** > **Accounts** > **Microsoft Exchange ActiveSync**.

Note: If Microsoft Exchange ActiveSync doesn't appear under the Accounts heading in the Settings menu, you do not have an Exchange ActiveSync account configured on the phone. For information about adding an account, see Add an Exchange ActiveSync Account.

2. If your Exchange ActiveSync account is set for synchronization, you will see a **Sync** icon .

Clock

Your phone has a clock app that lets you set alarms, view time in time zones around the world, use a stopwatch, set a timer, and use your phone as a desk clock.

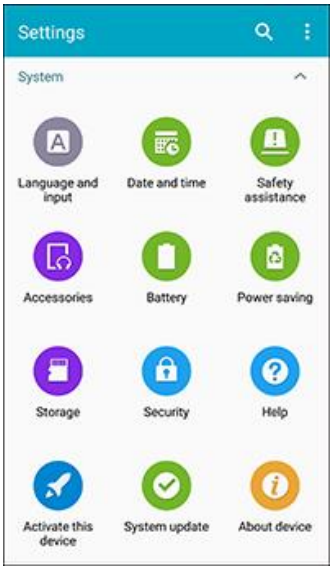
Checking the Time

You can check the current time any time on your phone. The current time displays in the upper right corner of the Status bar. Many widgets and Lock screens also display the time and provide options for how time is displayed.

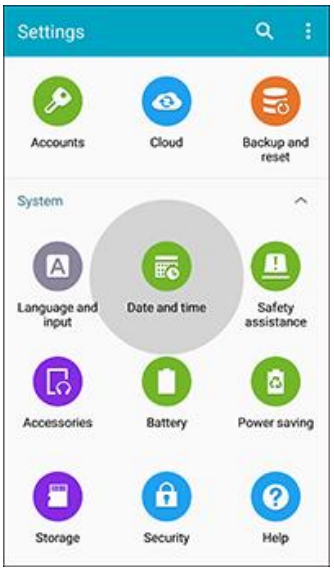
Setting Date and Time

Your phone automatically receives the current date and time from the wireless network. You can set the date by hand by overriding the default setting.

1. From home, tap **Apps** > **Settings** .



2. Tap **Date and time**.



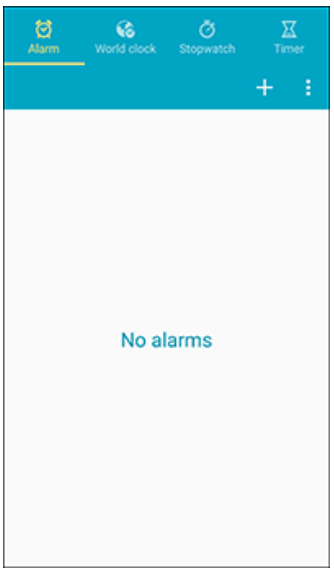
3. Set available date and time options.

   ❖ Your date and time settings are applied and saved.

Set Alarms

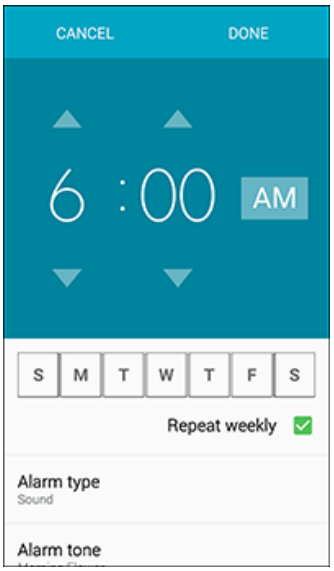
Set multiple alarms using your phone's Clock app.

1. From home, tap **Apps** > **Clock** .

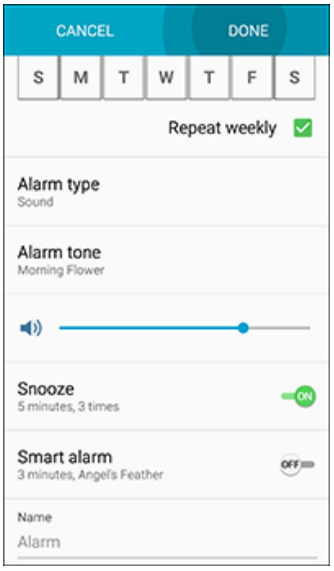


   ❖ The Clock appears.

2. Tap the **Alarm** tab and then tap **Create alarm** .



3. Set the alarm options, including time, days, repeat pattern, alarm type, alarm tone, and volume, and then tap **DONE**.



❖ The alarm is set.

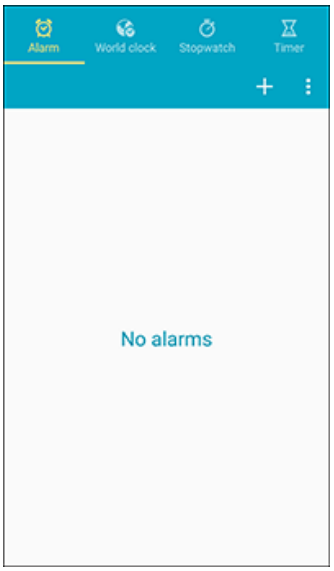
Phone at Alarm Time

- At the set alarm time, the phone sounds the alarm and/or vibrates.
- When the alarm sounds, drag to the right to dismiss it.

World Clock

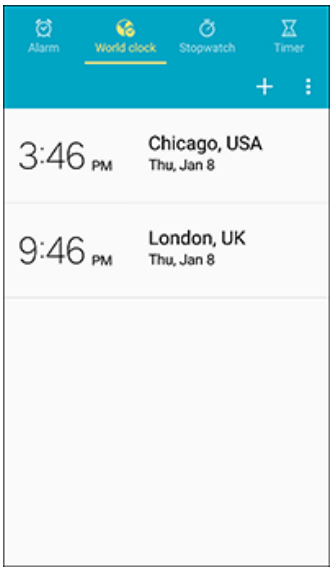
The world clock lets you keep track of the current time in multiple cities around the globe.

1. From home, tap **Apps** > **Clock** .



   ❖ The Clock appears.

2. Tap **World Clock**.

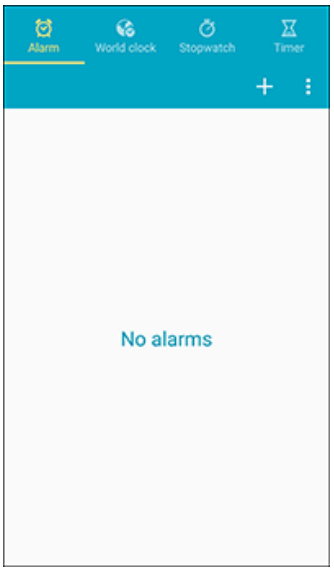


3. Tap **Add City** and select a city.
4. Repeat to add multiple cities.

Stopwatch

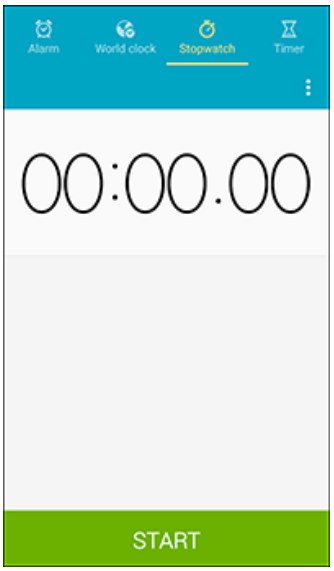
The stopwatch provides a clock for measuring time intervals.

1. From home, tap **Apps** > **Clock** .



   ❖ The Clock appears.

2. Tap **Stopwatch**.

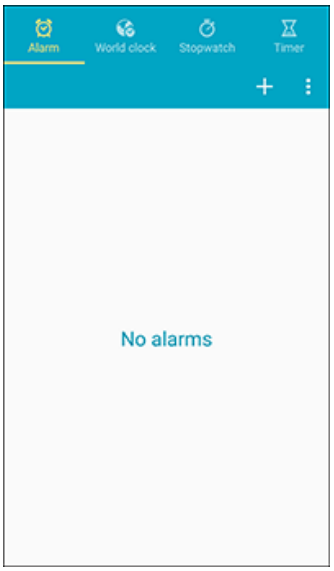


3. Tap **START** to begin timing.
4. Tap **STOP** to stop timing.
   - Additional options include Lap to keep track of laps, Resume to continue timing, and Reset to reset the stopwatch to zero.

Timer

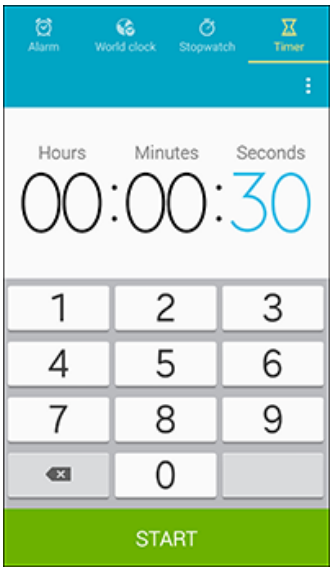
The timer provides a countdown timer for up to 99 hours, 59 minutes, and 59 seconds.

1. From home, tap **Apps** > **Clock** .



❖ The Clock appears.

2. Tap **Timer**.



3. Use the keypad to set the length of the timer.

Dropbox

Dropbox works to provide access to your desktop files directly from your phone. This applications allows you to bring your files with you when you're on the go, edit files in your Dropbox from your phone, upload photos and videos to Dropbox, and share your selected files freely with family and friends.

The in-phone application works in conjunction with a partner program placed on a target computer using an active Internet connection.

Dropbox creates a folder that automatically synchronizes its contents across all of your connected devices on your account. Update a file to your Dropbox on your computer, and it's automatically updated to the same folder on your other devices.

- From home, tap **Apps** > **Dropbox** .

Flipboard

Use Flipboard to create a personalized digital "magazine" out of everything being shared with you. Access news stories, personal feeds and other related material. Flip through your Facebook newsfeed, tweets from your Twitter account, photos from friends and much more.

- From home, tap **Apps** > **Flipboard** .

GALAXY Apps

Discover apps designed exclusively for your Galaxy phone.

Note: You must sign in to a Samsung account in order to download GALAXY apps.

- From home, tap **Apps** > **GALAXY Apps** .

Gallery

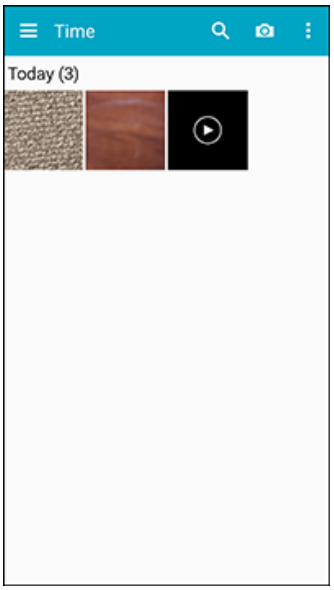
Using the Gallery application, you can view pictures and watch videos that you've taken with your phone's camera, downloaded, or copied to an optional memory card (not included).

For pictures stored on an optional memory card, you can do basic editing such as rotating and cropping. You can also set a picture as your contact picture or wallpaper and share pictures with your friends.

While viewing pictures in the Gallery, scroll up the screen to view more albums. Simply tap an album to view the photos or videos in that album.

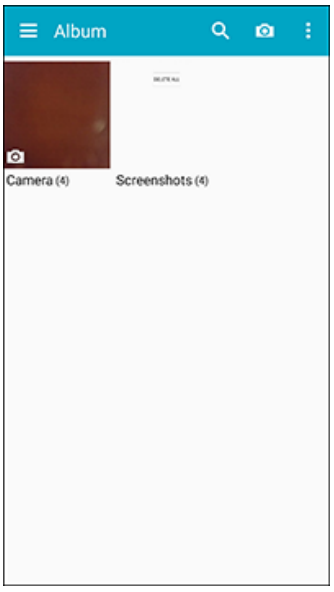
If you have pictures or videos stored on an optional memory card (not included), they will be display folders they are stored in, and folders are treated as albums. The actual folder names will be used as the album names. If you have downloaded any photos and videos, these will be placed in the **All downloads** album.

1. From home, tap **Apps** > **Gallery** .



❖ The album list opens.

2. Tap **Menu** to sort photos and videos by **Time** or **Album**. If you select Album, tap on one of the album categories Album (such as Camera) to view the photos and videos.



❖ The list of pictures and videos for the album opens.

3. Select an album or tap a thumbnail to view the picture or video.

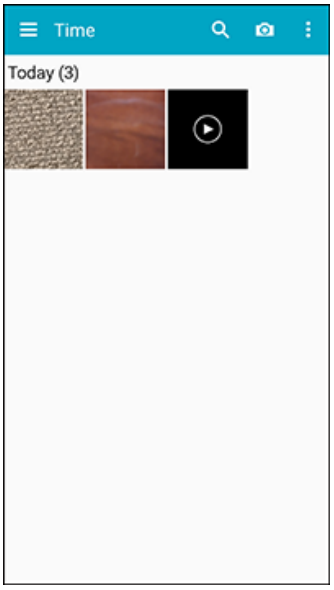
4. From the main Gallery screen, you can use these options:
   - Tap a picture or video to display it in full screen view.
   - Touch and hold thumbnails to select them (indicated by a check mark).
   - Tap **Menu** to choose a display style. You can view by Albums, All, or Locations.
   - Tap **Folder** to create a new folder.
   - Tap **Camera** to launch the Camera to take pictures or record video.
   - Tap **More options** for options. Available options depend on which Gallery screen you are viewing, and may include:
     - **Select item/album**: Depending on the view, tap albums or items to select them. After selection, you can tap **More options** again for options you can use with the selected item(s).
     - **Slideshow**: Choose options to create a slideshow for viewing your pictures and videos.

View Photos and Videos

Tap a photo or video to view it in full screen.

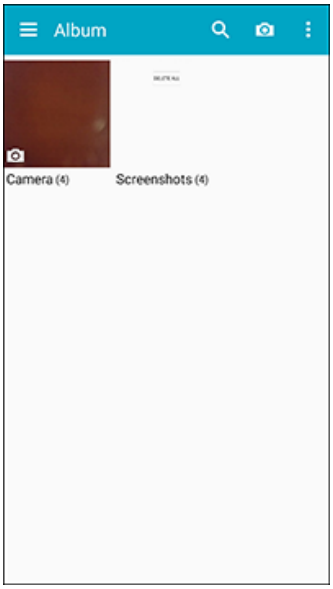
View Photos

1. From home, tap **Apps** > **Gallery**.



   ❖ The album list opens.

2. Tap **Menu** to sort photos and videos by **Time** or **Album**. If you select Album, tap on one of the album categories Album (such as Camera) to view the photos and videos.



❖ The list of pictures and videos for the album opens.

3. Tap a thumbnail to view the picture. While viewing a picture full-screen you can use these options:

- **Share**: Choose a method for sharing the picture.
- **Edit**: Modify your picture.
- **Delete**: Erase the current picture.
- **More options**: Choose other options, including:
  - **Slideshow**: Create a slideshow.
  - **Print**: Print the picture to a compatible Wi-Fi printer (not included).
  - **Rename**: Change the name of the file.
  - **Rotate left**: Rotate the image ninety degrees to the left.
  - **Rotate right**: Rotate the image ninety degrees to the right.
  - **Crop**: Adjust the size of the picture.
  - **Set as**: Set the picture as wallpaper on the Lock or Home screen.
  - **Details**: View file details.

View Videos

Note: If no icons are displayed on the screen in addition to the picture, tap anywhere on the screen to display them.

1. From home, tap **Apps** > **Gallery**.
2. Tap a video to select it. When the video is displayed full-screen, you can use these options:
   - **Share**: Choose a method for sharing the video.
   - **Delete**: Erase the current video.
   - Tap to play the video.
   - **More options**: Choose other options, including:
     - **Slideshow**: Create a slideshow.
     - **Rename**: Change the name of the video file.
     - **Details**: View file details.

Working with Photos

While viewing a photo, you can choose to delete the photo, rotate or crop it, and more.

Rotate and Save a Photo

To rotate or save your photo, follow the procedures below.

1. From home, tap **Apps** > **Gallery**.
2. Select a folder location (such as Camera) and tap an image to view your picture.
3. Tap **More options** > **Rotate left** or **Rotate right**.

Crop a Photo

To crop your photos, follow the procedures below.

1. From home, tap **Apps** > **Gallery**.
2. Select a folder location (such as Camera) and tap an image to view your picture.
3. Tap **More options** > **Crop**.
4. To adjust the crop box size, touch and drag the edges of the box.
5. To move the crop box to the part of the photo that you want to crop, drag the center of the box to the desired position.
6. Tap **Save** to apply the changes to the picture.

The cropped picture is saved along with the original copy in your default storage location.

Share Photos and Videos

You can share and send pictures and videos from your phone using several different methods, including messaging, email, social media apps, Bluetooth, and more. To share photos and videos, follow these procedures.

Send Photos or Videos by Email or Gmail

You can send photos, videos in an email or Gmail message. They are added as file attachments.

1. From home, tap **Apps** > **Gallery**.
2. Tap the album that contains the photos or videos you want to share.
3. Tap the photo or video you want to send.
   - To select multiple pictures to send, touch and hold a thumbnail to display the selection screen, and then touch additional pictures.
4. Tap the screen and then tap **Share via** > **Gmail** or **Email**.
5. Address and compose your message and then tap **Send** or **Send**.

Note: If you have multiple email or Gmail accounts, the default account will be used.

Send a Photo or Video by Multimedia Message

Although you can send several photos or videos in a multimedia message, it may be better to send one at a time, especially if the files are large in size.

1. From home, tap **Apps** > **Gallery**.
2. Tap the album that contains the photos or videos you want to send.
3. Tap the photo or video you want to send.
4. Tap the screen and then tap **Share via** > **Messages**.
5. Address and compose your message and then tap **Send**.

Send Photos or Videos Using Bluetooth

You can select several photos, videos, or both and send them to someone's device or your computer using Bluetooth.

1. From home, tap **Apps** > **Gallery**.
2. Tap the album that contains the photos or videos you want to send.
3. Select the photos or videos you want to send.
4. Tap the screen and then tap **Share via** > **Bluetooth**.

In the next few steps, you'll be asked to turn on Bluetooth on your phone and connect to the receiving Bluetooth device so the files can be sent. For more information, see Bluetooth.

Send Photos or Videos via Additional Apps or Social Media

From Gallery, you can share your pictures and videos from a variety of apps and social media sites, such as Facebook, Google+, Hangouts, Instagram, and more. Available apps will vary depending on what you have installed on your phone.

1. From home, tap **Apps** > **Gallery**.
2. Tap the album that contains the photos or videos you want send.
3. Select the items you want to send.
4. Tap the screen, tap **Share via**, and then tap the app you want to use.
5. Follow the prompts to complete the share.

Share Videos on YouTube

You can share your videos by uploading them to YouTube. Before you do this, you must create a YouTube account and sign in to that account on your phone.

1. From home, tap **Apps** > **Gallery**.
2. Tap the album that contains the videos you want to share.
3. Select the video you want to share.
4. Tap the screen and then tap **Share via** > **YouTube**.
5. Enter the prompted information, such as description and tags, and select a privacy option.
6. Tap **Upload**.

Google Drive

With the Google Drive application, everything that you add to your Drive from work or home is also available on your device. You can create and edit documents on your device and the changes are saved everywhere.

- From home, tap **Apps** > **Drive**.

Google Play Books

Discovering your favorite books and authors has never been easier. With Google Play Books, you can shop the world's largest selection of eBooks and read them anywhere you like.

- From home, tap **Apps** > **Play Books**.

Google Play Games

Google Play Games is the easiest way for you to discover new games, track achievements and scores, and play with friends around the world. It brings all of your gaming on Google Play together in a unified Android experience.

- From home, tap **Apps** > **Play Games** .

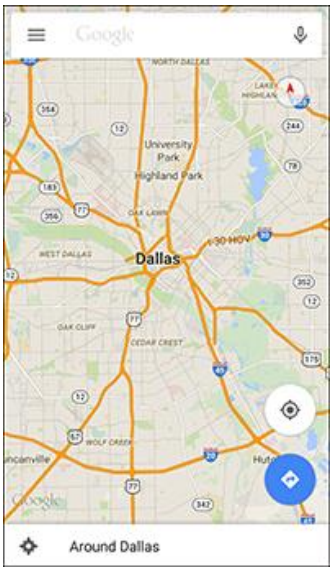
Google Maps

Use the Google Maps app to determine your location, find directions, browse local businesses and attractions, rate and review places, and more.

View Maps of Specified Places

Use Google Maps to locate and map a specific address or destination.

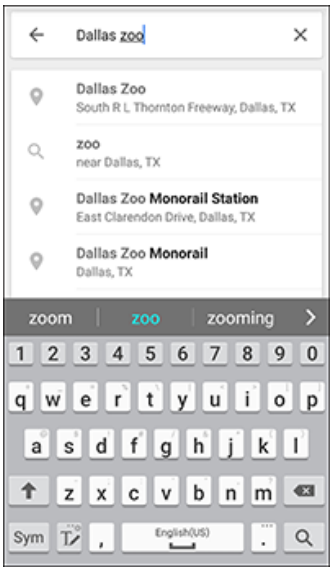
1. From home, tap **Apps** > **Maps** .



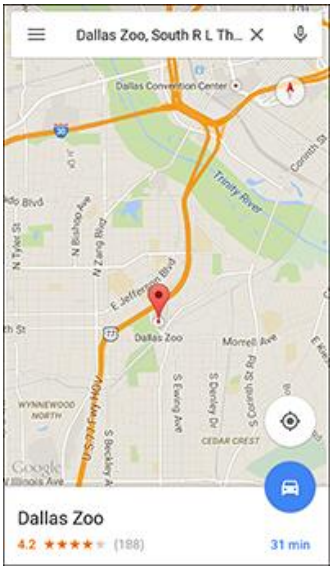
❖ Google Maps opens.

- If prompted, follow the onscreen instructions to accept terms of use.

2. Tap inside the search field to start a search.



3. Enter an address, city, facility name, etc., and then tap a candidate in the results list.



   ❖ A map of the specified location opens.

Google Maps Operations

- **Viewing Current Location**: From the Maps app, tap .
- **Obtain Useful Area Information for Current Location**: From the Maps app, tap **Search**, enter the information you are looking for, and then tap a result to view it.
- **View Traffic information**, **Public transit information, etc., in Maps**: From the Maps app, tap **More options** and then tap **Traffic**, **Public transit**, **Bicycling**, etc.

- **Check Route to Destination**: From the Maps app, tap [route icon], enter your current location and your destination, tap a method of transport (car, public transit, bicycle, or on foot), and then tap **Search for route**.
    - Route candidates appear in a list.
- Check Detailed Operation for Maps: From the Maps app, tap **More options** > **Help**.

Google Play Movies & TV

Google Play Movies & TV allows you to watch movies and TV shows purchased on Google Play. You can stream instantly on your Android phone or download so you can watch from anywhere, even when you are not connected. Also, get quick access to your personal video collection, including those taken on your phone.

Learn more about Google Play Movies & TV at play.google.com/about/movies.

- From home, tap **Apps** > **Play Movies & TV**.

Google Play Music

The Google Play Music app lets you browse, shop, and play back songs purchased from Google Play as well as songs you have loaded from your own music library. The music you choose is automatically stored in your Google Play Music library and instantly ready to play via streaming or download.

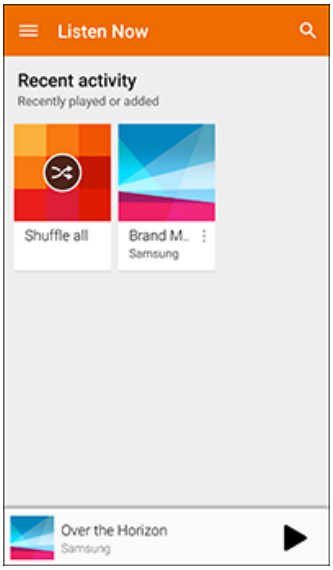
For more information about Google Play Music, visit play.google.com/about/music.

Note: For information about loading music onto your phone, see Transfer Files Between Your Phone and a Computer.

Using Google Play Music

Use the Google Play Music app to listen to all your music on your phone. Compatible music file formats include: MP3 (.mp3), AAC (m4a), WMA (.wma), FLAC (.flac), OGG (.ogg), DRM protected AAC (m4p), and ALAC (.m4a).

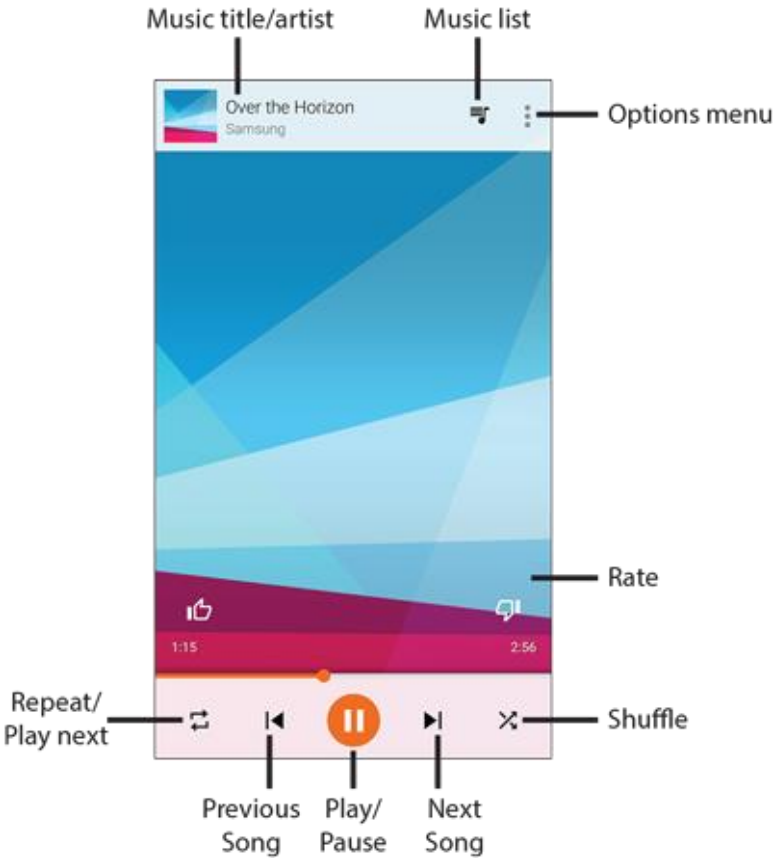
1. From home, tap **Apps** > **Play Music** .



   - The Play Music app opens to the library.
2. Flick the screen left or right to select a library category such as Artist or Albums.
3. Tap an item from the category window and then tap a song.
   - The song begins playing.

Google Play Music Screen Layout

The following diagram outlines the main features of the Play Music app player screen.

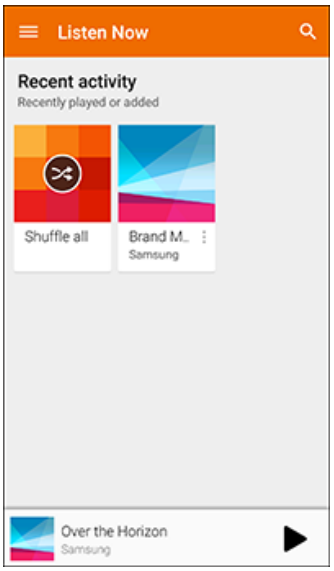


Feature	Description
Return to music list	Return to the music list.
Music title/artist	Display music title and artist (if available).
Repeat/play next	Repeat the current song or play the next song queued.
Options menu	Access the options menu.
Previous song	Play the previous song.
Play/pause	Play or pause the current song.
Next song	Play the next song.
Shuffle	Shuffle the current playlist or queue.
Rate (thumbs up/thumbs down)	Rate the current song.

Create Playlists in Google Play Music

Organize music into playlists to fit every occasion.

1. From home, tap **Apps** > **Play Music** .



   - ❖ The Play Music app opens to the library.

2. Tap **Menu** to listen to your library, playlists, or access Google Play Music online.
3. Tap a song to play it.

Adding Currently Playing Music to a Playlist

- From the player view, tap **More options** > **Add to playlist** > **New playlist**.
  - ❖ The music is added to the playlist.

Google Play Newsstand

With Google Play Newsstand, discover more of the news and magazines you care about all in one app on your phone. Enjoy breaking news and in-depth articles featuring audio and video. From sports, business, cooking, entertainment, fashion and more it's all in one place.

- From home, tap **Apps** > **Play Newsstand** .

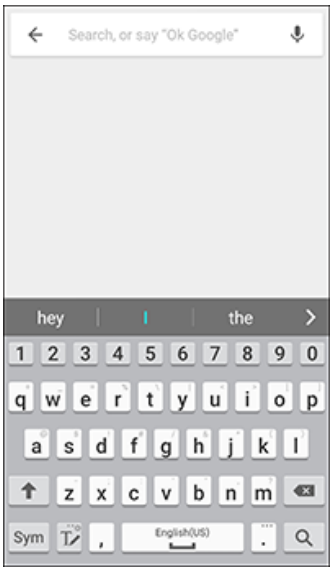
Google Search

Search information saved on the phone and in phone applications as well as on the Internet.

Use Google Search

Type search terms in the Google Search bar to find information on your phone and around the globe.

1. From home, tap the Google search bar or tap **Apps** > **Google** .



   ❖ The Search window opens.

   - If confirmation appears, follow onscreen instructions.
   - If a description for Google Now appears, tap **Next** and read information. Tap **Enable** on the last page if you want to use Google Now.

2. Type your search keywords and tap **Search** .

   ❖ Search results appear.

   - To search by voice, tap in the search bar and speak your search terms.

Google Search Options

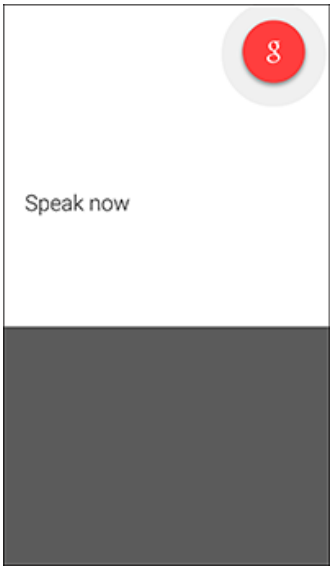
Note: To set Google Search options, from the main Google Search screen, press the **Back** key .

- **Changing Search Information**: In the search window, tap **More options** > **Settings** > **Phone search** and select where to search.
- **Using Google Now**: Google Now automatically searches for information based on search keywords used, your current location, etc., and presents search results in the search screen. Google Now also informs users of scheduled events.
  - To enable Google Now, in the search window, tap **More options** > **Settings** > **Google Now** > **On** > **Yes, I'm in**.
- **Canceling Google Now**: In the search window, tap **More options** > **Settings** > **Google Now** > **On**, select whether to disable location history, and then tap **Turn off**.

Use Google Voice Search

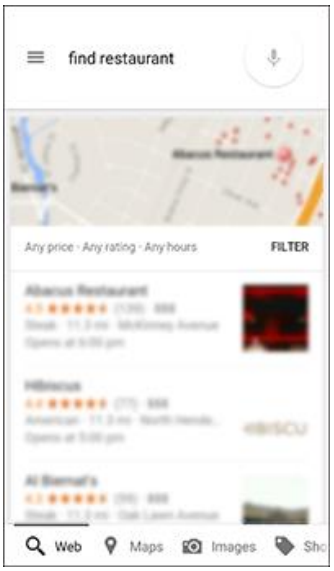
Use your voice to search instead of typing, with Google Voice Search.

1. From home, tap **Apps** > **Voice Search** .



❖ The Voice Search window opens.

2. Speak your search terms.



❖ Search results appear.

Google Wallet

You must have a Google Wallet account associated with your Google Account to purchase items from the Google Play Store app.

To create a Google Wallet account, do one of the following:

- On your computer, go to google.com/wallet to create a Google Wallet account.

  – or –

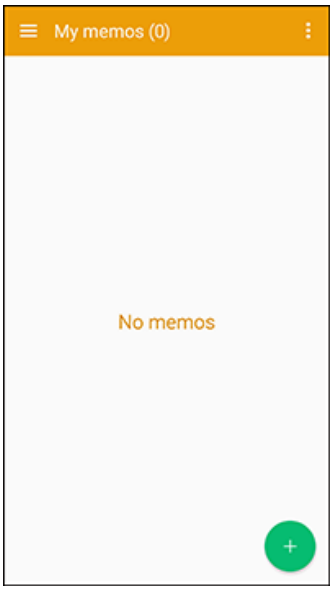
  The first time you use your phone to buy an item from Google Play, you are prompted to enter your billing information to set up a Google Wallet account.

Warning: When you've used Google Wallet once to purchase an application from the Google Play Store app, the phone remembers your password, so you don't need to enter it the next time. For this reason, you should secure your phone to prevent others from using it without your permission. (For more information, see Screen Lock.)

Memo

Use your phone’s memo app to save text, memos, lists, and more.

1. From home, tap **Apps** > **Memo** .



   ❖ The memo list appears.

2. Tap and enter your memo title and text.

3. Tap **Save**.

   ❖ The memo is saved.

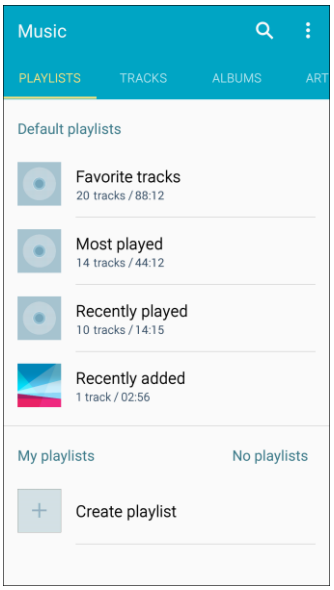
Music (App)

The Music app plays music files. Use Music to browse your music library, play songs, and create playlists. You can also set songs as ringtones for incoming calls, or as alarm tones.

Note: For information about loading music onto your phone, see Transfer Files Between Your Phone and a Computer.

When you close the Music screen, playback will continue in the background, so you can listen to music while you use other features of your phone. When music is playing in the background, you can access playback controls from the Notification panel.

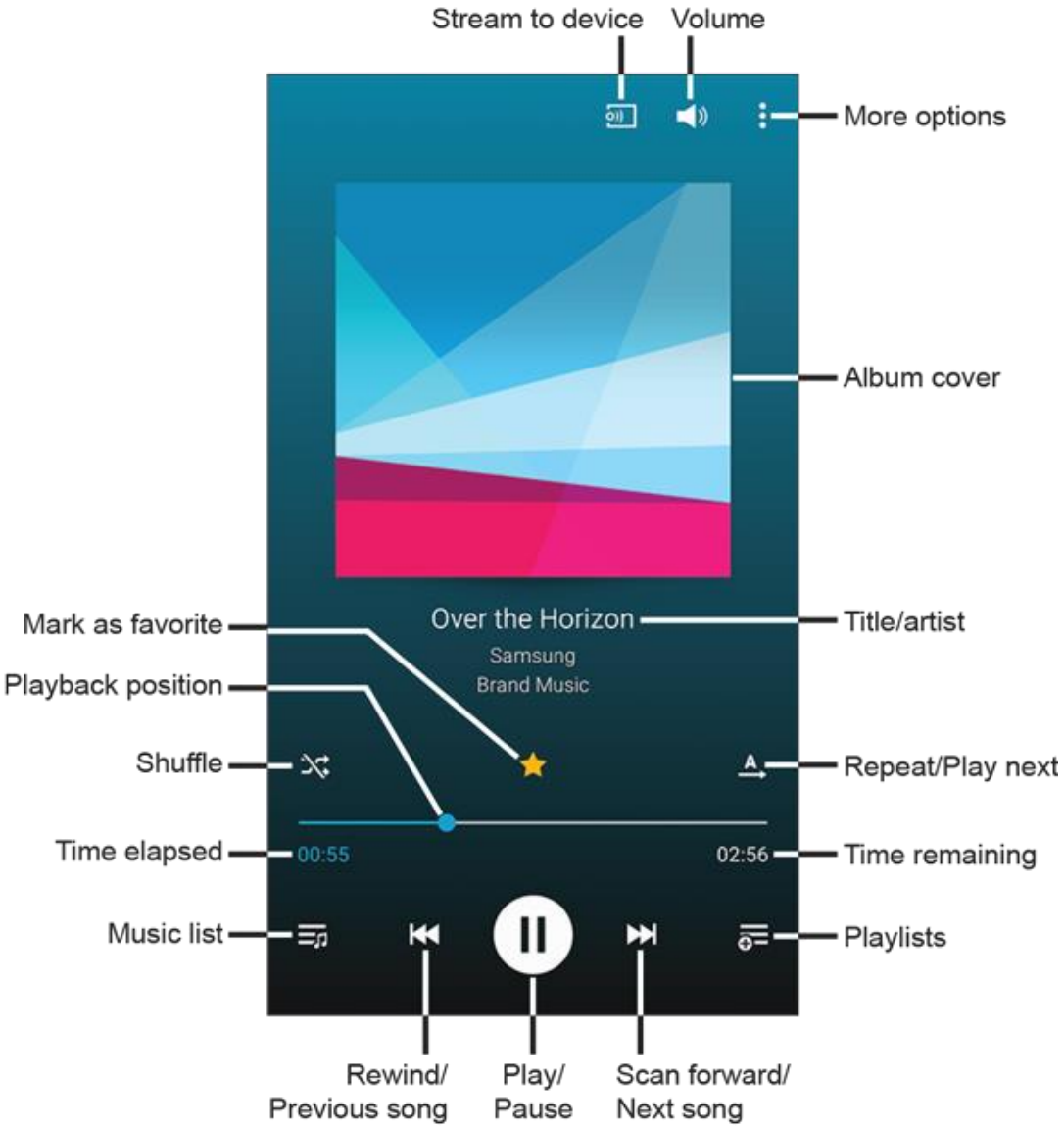
1. From home, tap **Apps** > **Music** .



   - ❖ The Music app opens to the library.
2. Flick the screen left or right to select a library category such as Albums or Artists.
3. Tap an item from the category window and then tap a song.
   - ❖ The song begins playing.

Music Screen Layout

The following diagram outlines the main features of the Music app player screen.



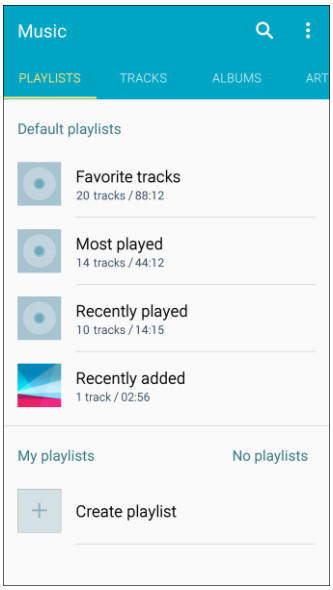
Feature	Description
Album cover	Display album covers (if available).
Mark as favorite	Add the song to your favorites list.
More options	Access the options menu.
Music title/artist	Display music title and artist (if available).

Feature	Description
Play/Pause	Play or pause the current song.
Playback position	The current playback position in the song. Slide to move forward or backwards in the song.
Playlists	Access your playlists.
Repeat/play next	Repeat the current song or play the next song queued.
Return to music list	Return to the music list.
Rewind/Previous song	Touch and hold to rewind. Tap to play the previous song.
Scan forward/Next song	Touch and hold to scan forward. Tap to play the next song.
Shuffle	Shuffle the current playlist or queue.
Stream to device	Stream music to a nearby device.
Time elapsed	Display the amount of time the song has been playing.
Time remaining	Display the amount of time remaining to be played.
Volume	Adjust the volume.

Create Playlists in Music

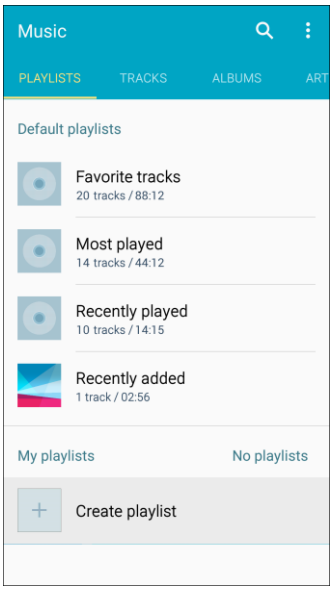
Organize music into playlists to fit every occasion.

1. From home, tap **Apps** > **Music** .

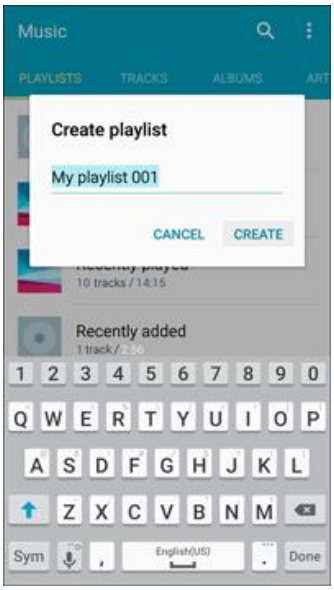


   ❖ The Music app opens to the library.

2. Tap the **PLAYLISTS** tab > **Create playlist**.



3. Enter a name for the playlist and tap **CREATE**.



4. Tap **Add tracks** and select songs to add to the playlist.

Add Currently Playing Music to a Playlist

- From the player view, tap and select a playlist.
  - The music is added to the playlist.

My Files

My Files allows you to manage your sounds, images, videos, Bluetooth files, Android files, and other data in one convenient location. This application allows you to launch a file if the associated application is already on your phone.

1. From home, tap **Apps** > **My Files** .
2. Folders display, including:
   - **Recent files**: View recently saved files.
   - **Images**: View image files.
   - **Videos**: View video files.
   - **Audio**: View audio files.
   - **Documents**: View document files.
   - **Downloaded apps**: View downloaded apps.
   - **Download history**: View all apps and files that have been downloaded to the phone.

- **Shortcuts**: Contains shortcuts to files or folders that you have added. This option only appears if you have added shortcuts to the My Files main screen.
- **Local storage**: View folders and files in their storage locations.
  - **Device storage**: View folders and files located on the phone.
  - **SD card**: View folders and files located on the memory card (if installed).
- **Cloud storage**: View folders and files in their Web-based locations.
  - **Dropbox**: View folders and files located in your Dropbox (if available).

Note: Different folders may appear depending on how your phone is configured.

To view files in My Files:

1. From home, tap **Apps** > **My Files** .
2. Tap a category to view its files or folders.
3. Tap a file or folder to open it.

NextRadio

Listen to your favorite FM radio stations on the go with NextRadio. Tune in to any FM frequency in your area and listen to the radio without the hassle and cost of streaming music. Participating radio stations show you song information and artwork as you listen, so you can buy your favorite music, give feedback on the songs you like, and share what you're listening to on Facebook or Twitter. NextRadio provides the radio experience today's listeners have come to expect.

- From home, tap **Apps** > **NextRadio** .

POLARIS Office 5

Polaris Office® Mobile for Android is a Microsoft Office® compatible office suite. This application provides a central place for managing your documents online or offline.

Polaris Office lets you open, create, and edit Word documents, PowerPoint presentations, Excel spreadsheets, and text files. Polaris Office can also open Adobe® PDF (Portable Document Format) files.

- From home, tap **Apps** > **POLARIS Office® 5** .

S Health

S Health is a wellness application that can help you manage your health. Set fitness goals, check your progress, and keep track of your overall health.

1. From home, tap **Apps** > **S Health** .
2. Follow the prompts to get started:
   - Read the introduction and tap **Start**.
   - Read and agree to the terms and conditions, and then tap **Next**.
   - Sign in to your Samsung account if you have not already done so. You must sign in to a Samsung account to set and save goals, and use other advanced S Health features.
   - Follow the onscreen instructions to enter information about yourself, and then tap **Start**.
3. Use S Health to track your health activities:
   - **Pedometer**: Count the number of steps you take. Tap **Start** to start counting. You can pause counting and then tap Start to begin again. If you signed in to your Samsung account, you can set goals, track your progress, and share your results.
   - **Exercise**: Set and manage exercise goals, and track your progress. You can track activities by type, such as running, walking, cycling, and hiking. S Health also offers access to the Music app, to work out to your favorite songs.
   - **Heart rate**: Measure your heart rate, using the heart rate sensor on the back of your phone (next to the Camera flash). Place your finger over the sensor, and then tap the screen to start. Hold your finger on the sensor, and keep still until the sensor reports your heart rate.
   - **Food**: Track your daily food intake, by entering your meals and snacks. You can keep track of your favorite foods, and take pictures of your meals.
   - **Weight**: Track your weight and BMI (body mass index).
   - **Sleep**: Samsung wearable devices (not included) can record your sleep data and sync it with Sleep in S Health.
   - **Stress**: Measure your stress level using your heart rate variable.
   - **Coach**: Coach by Cigna provides general information and features designed to help you to manage your overall well-being.
   - **Partner apps**: Manage additional S health-compatible apps you install here.

Note: Tap **More options** > **Help** for more detailed information.

Before You Start Exercising

This app can be used to monitor your exercise. While moderate physical activity, such as brisk walking, is safe for most people, health experts suggest that you talk with your doctor before you start an exercise program, particularly if you have any of the following conditions:

- Heart disease;
- Asthma or lung disease;
- Diabetes, or liver or kidney disease;
- Arthritis.

You should also check with your doctor if you have symptoms suggestive of heart, lung, or other serious disease, such as:

- Pain or discomfort in your chest, neck, jaw, or arms during physical activity;
- Dizziness or loss of consciousness;
- Shortness of breath with mild exertion or at rest, or when lying down or going to bed;
- Ankle swelling, especially at night;
- A heart murmur or a rapid or pronounced heartbeat;
- Muscle pain when walking upstairs or up a hill that goes away when you rest.

Finally, the American College of Sports Medicine recommends that you see your doctor before engaging in vigorous exercise if two or more of the following apply:

- You are a man older than age 45 or a woman older than age 55;
- You have a family history of heart disease before age 55;
- You smoke or quit smoking in the past six months;
- You have not exercised for three months or more;
- You are overweight or obese;
- You have high blood pressure or high cholesterol;
- You have impaired glucose tolerance, also called pre-diabetes.

When in Doubt — Check it Out

If you are unsure of your health status, have several health problems, or are pregnant, you should speak with your doctor before starting a new exercise program. Working with your doctor ahead of time is a good way to plan an exercise program that is right and safe for you. Consider it the first step on your path to physical fitness.

S Voice

S Voice is a voice recognition application you can use to activate a wide variety of functions on your phone.

This is a natural language recognition application. You can ask questions (Is it raining in Dallas?) or speak commands (Show me where to find cheap gas).

1. From home, tap **Apps** > **S Voice** .
2. Follow the prompts to learn about S Voice, and to review and accept the terms and conditions.
3. Tap **TUTORIAL** to learn about S Voice, or tap **START** to skip the tutorial and start using S Voice.
4. Speak a command. The screen gives you some examples.
5. Tap the microphone icon if the phone does not hear you, or to give it a command.

Configure S Voice

Configure options for interacting with your phone with S Voice.

You can access S Voice settings in two ways:

- **From S Voice**: From home, tap **Apps** > **S Voice** > **More options** > **Settings**.
- **From Settings**: From home, tap **Apps** > **Settings** > **S Voice**.

Smart Remote

Use your phone to control your TV, set-top box, DVR, Stereos, and other electronic devices.

Configure Smart Remote

Choose your TV service and personalize your selections.

1. From home, tap **Apps** > **Smart Remote** .
2. Follow the prompts to configure the service:
   - **Find your TV service**: Follow the prompts to select your country or region, enter your ZIP code, and then select your TV service provider from the list.
   - **Personalize**: Smart Remote offers Just For You suggestions based on what you like to watch. Personalize your top picks by answering a few questions, and then tap the star on shows you like. Smart Remote will suggest similar programs. You can skip personalization and continue with configuration.
3. Continue following the prompts to read and agree to the disclaimer and complete configuration.

Customize Your Smart Remote

Set up your phone to control your TV, Set-top box, DVR, Stereos, and other electronic devices.

Note: Your TV or other device must be turned off to customize Smart Remote.

Set Up Your Smart Remote to Control Your TV

1. From home, tap **Apps** > **Smart Remote** .
2. Tap **Universal Remote Control** > **Continue**.
3. Turn off your TV and point the infrared transmitter on your phone at the TV.
4. Tap to select your TV brand.
   - If your TV is not listed, tap **Show other brands** to choose from a full list of brands.
   - If you are using a projector, tap **I have a home projector**, and then choose the brand of projector.
5. Aim your phone at the TV, and then tap **Power** to turn on your TV. Be sure the Infrared Transmitter on the top of your phone is pointed at the TV.
6. Confirm the codes:
   - If the TV turned on, tap **YES**.
   - If the TV did not turn on, tap **NO**. Try the next power button. Depending on the model of your TV, you may need to try several buttons to find the one that works.
7. If you have a cable/satellite box, follow the prompts to configure your phone to control the box.

Use Your Smart Remote to Control Your TV

After customizing Smart Remote, you can use it to control your TV.

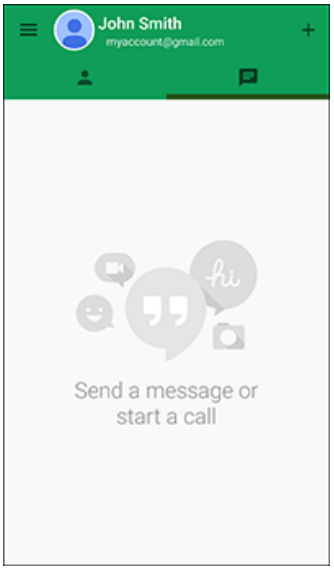
1. From home, tap **Apps** > **Smart Remote** .
2. From the Smart Remote screen, tap **Universal Remote Control** to bring up the remote and control your TV.

Hangouts

Hangouts is Google's instant messaging service. Use to communicate with other Hangout users, and also use video calling. Log in to a Google account beforehand (see Google Account).

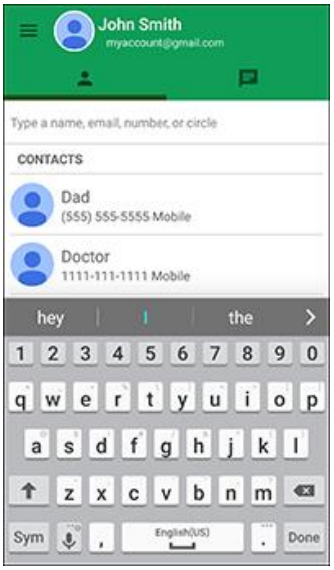
Using Hangouts

1. From home, tap **Apps** > **Hangouts** .

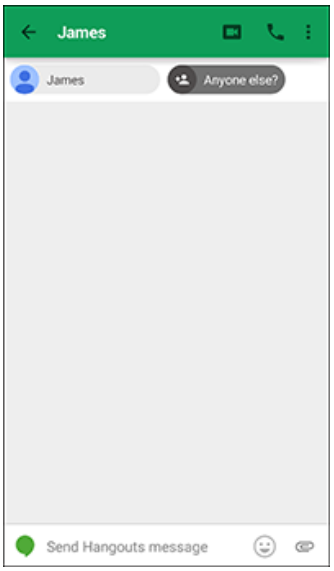


   ❖ The Hangouts app will open.

2. Tap **Add** to start a new Hangout.



3. Type a name, email, number, or circle, or select a contact from the list.



4. Type a message or tap to start a video chat.

   ❖ A chat window or a video chat window opens.

   - Each time text is entered, the corresponding friend appears.
   - If a friend is not in a Hangout, you will see a message. Tap **Send invitation** to invite them to join the Hangout.

Hangouts Operations

- **Ending a Chat**: In the Hangouts window, flick the chat from left to right.
- **Ending a Video Chat**: In the video chat window, tap .
- **Disabling Chat History**: If you don't want to keep chat history, in the chat window, tap **More options** > **Turn history off**.
- **Delete Chat History**: To delete all your chat history, in the chat window tap **More options** > **Delete** > **Delete**.

Note: You can use Hangouts as your phone's default messaging app, or as a standalone IM app. If you set Hangouts as the default messaging app, the Messages app will be disabled. For more information, see Default Messaging App Settings.

Video

Play videos stored on your phone, or from your other devices (you must sign in to your Samsung account to play videos synced from your other devices).

1. From home, tap **Apps** > **Video**.
2. Scroll through the videos stored on your phone. After a few seconds, each video thumbnail begins playing a preview of the clip.
3. Tap a video to view it.

Voice Recorder

The Voice recorder allows you to record an audio file up to one minute long and then immediately share it. Recording time will vary based on the available memory within the phone.

Make a Voice Recording

1. From home, tap **Apps** > **Voice Recorder**.
2. Use the Voice Recorder controls:
   - To start recording, tap **Record** and speak into the microphone.
   - To pause recording, tap **Pause**. To end the recording, tap **Stop**.
   - To cancel the recording, tap **Cancel**.

Share a Voice Recording

1. From home, tap **Apps** > **Voice Recorder**.
2. Tap **List**, and then touch and hold a recording to display options.
3. Tap **Share**, and then follow the prompts to choose a method and share the file.

Edit a Voice Recording

1. From home, tap **Apps** > **Voice Recorder**.
2. Tap **List**, and then tap a recording to hear it.
   - **Trim**: Trim the beginning and ending of a recording.
   - **Repeat**: Automatically repeat a recording.
   - x1.0 **Playback speed**: Change the playback speed of a recording.

- **Skip**: Automatically skip empty (or silent) portions of the recording.
- **Bookmark**: Mark a spot in the recording so you can find it later.

Modify a Recording File

1. From home, tap **Apps** > **Voice Recorder**.
2. Tap **List**, and then touch and hold a recording to select it.
3. Tap **More options** to display the following:
   - **Change category**: You can use categories to organize voice recordings. Choose a category, or tap Add category to create a new one.
   - **Rename**: Change the name of the voice recording.
   - **Set as**: Use the recording as the default Phone ringtone, as a Caller ringtone, or as an Alarm tone.
   - **Write to Voice Label**: You can save the voice recording to a Voice Label via NFC.
   - **Details**: View information about the voice recording.

Voice Recorder Options

1. From home, tap **Apps** > **Voice Recorder**.
2. Tap **List** to view a list of recordings. While viewing the list, you can use these options:
   - **Search**: Enter keywords to search for a recording.
   - **Delete**: Erase recording(s).
   - **Close**: Return to the recording screen.
   - **Select mode**: Choose a recording mode (Normal, Interview, Meeting, or Voice Memo) to match the type of voice recording.
3. Tap **More options** for the following:
   - **Select**: Choose voice recording(s). After selection, you can Share or Delete the selected recordings, or use other Menu options.
   - **Sort by**: Choose an order to display the list.
   - **Filter by category**: Choose a category, to display only voice recordings assigned to that category.

- **Edit categories**: Enter and manage a list of categories you can use to organize voice recordings.
- **Settings**: the following settings are available:
  - **Save to**: If you have an optional memory card installed (not included), you can choose whether your recordings will be saved to phone memory, or to the card.
  - **Recording quality**: Set the recording quality to High or Normal.
  - **Recording volume**: Choose the default volume for recordings.
  - **Contextual file name**: Choose whether the phone automatically creates a filename that includes location information, when the Location tags option is enabled (see below).
  - **Default file name**: Choose the name prefix for your recordings. For example, if your Default name is Voice, your recordings would be named Voice 001, Voice 002, Voice 003, etc.
  - **Noise reduction**: Choose whether the phone uses noise reduction during recording, to improve recording quality.
  - **Display logo**: Display your logo on the recording screen.
  - **Location tags**: When enabled, location information will be saved in recording files.
  - **Language**: Choose a language.
- **Skip interval**: Set the length of time when skipping through a recording.

Uber

Search and find transportation service using the Uber app. Request a ride and get picked up within minutes.

- From home, tap **Apps** > **Uber** .

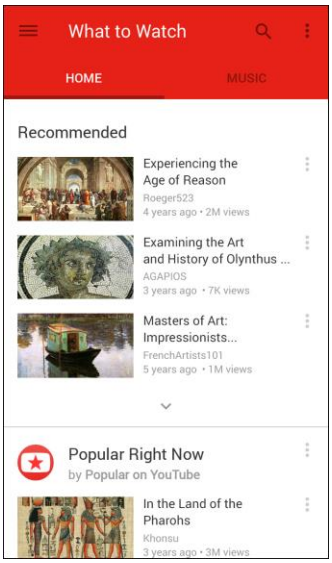
YouTube

View videos uploaded to YouTube and upload your own videos to your YouTube account.

View YouTube Videos

You can use the YouTube app to view videos on YouTube even if you aren't signed in to a YouTube account.

1. From home, tap **Apps** > **YouTube**.



   ❖ The YouTube app launches.

   - If you are prompted to provide confirmation to use the site, follow the onscreen instructions to continue.

2. Search through the YouTube channels and tap a video you want to see.

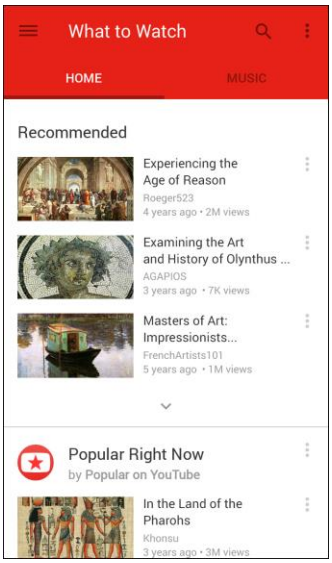
   ❖ The video plays on your phone screen.

   - Tap the screen to pause or resume play while watching.

Post a Video to YouTube

You can post videos to your YouTube account from your phone. Before posting, you must set up a YouTube account and sign in to it on your phone.

1. From home, tap **Apps** > **YouTube**.



   - ❖ The YouTube app launches.

2. Tap **Options** > **Uploads** > **More options** > **Uploads**.

   - ❖ The Uploads screen appears.

3. Select a video to upload.
   - Enter a title, description, and tags, and select a privacy setting.
4. Tap **Upload**.
   - ❖ The video is uploaded to your YouTube channel.

Connectivity

The following topics address your phone's connectivity options, including USB file transfer and tethering, Wi-Fi, Bluetooth, IR connectivity, and more.

Transfer Files between Your Phone and a Computer

You can use the supplied USB connector to connect your phone directly to your computer and transfer music, pictures, and other content files.

For example, if you have a music album stored on your computer that you want to listen to on your phone with any of the music apps, just attach your phone to the computer and copy the files to the music folder.

File Transfer Tips

- If you want to save data to an SD card on your phone, make sure the SD card is installed and active. See SD Card.
- Avoid removing the battery or SD card while transferring data.
- Data exchange may use the methods outlined in the following table:

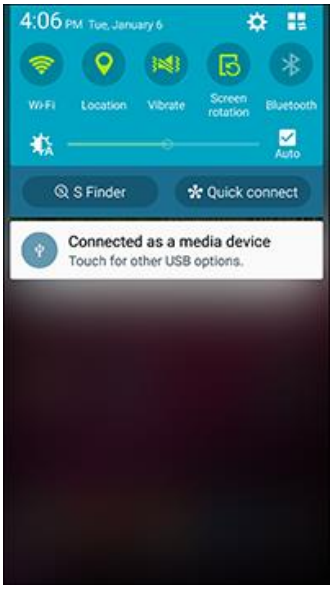
Method	Description
Media Device (MTP)	Transfer files between your phone and PC such as pictures, videos, and music.
Camera (PTP)	Transfer picture and video files between your phone and PC.
Mass Storage Mode	Exchange data with a PC using your phone as an external storage device.

Transfer Files Between the Phone and a Computer

1. Connect your phone to your computer using the supplied USB cable.

   - Insert the larger end of the cable to the USB Charger/Accessory port at the bottom of the phone.
   - Insert the USB end of the cable into an available USB port on your computer. You may need to remove the USB cable from the Charging Head to access it.

2. When appears in the notifications area, drag the Status bar down to display the Notification panel.



3. You will see either **Connected as a media device** or **Connected as a camera**.

   The files on your phone can now be accessed via your computer.

   - For most transfers, you'll want to use **Connected as a media device**.
   - To change the option, tap it in the Notification panel to open the **Storage settings** > **USB PC Connection** window, and then tap the desired option.

4. On your computer, navigate to the detected device (such as through the My Computer menu) and open it.
5. If available, select a drive (**Card** for SD card, **Phone** for internal phone storage).
6. Select a folder (for example, **Music** for songs and albums) and copy files to it from your computer.
7. When you are done, disconnect your phone from your computer.

   ❖ The transferred files are now saved to your phone or SD card.

Wi-Fi

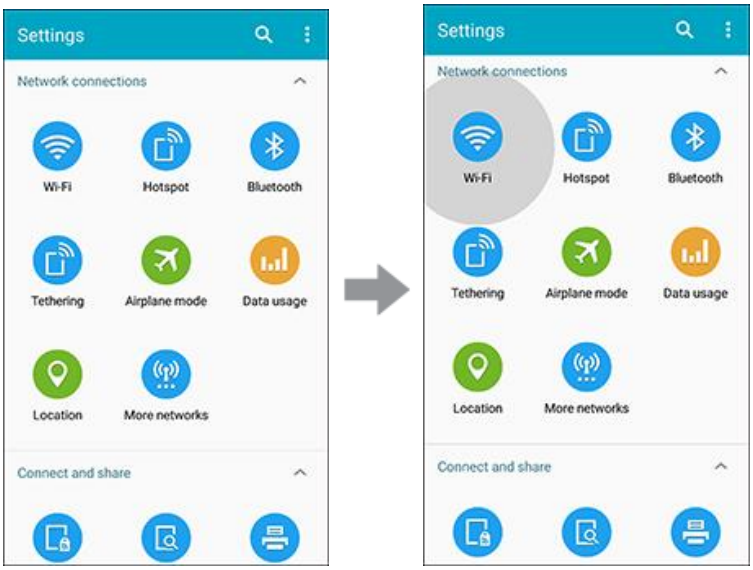
Wi-Fi provides wireless Internet access over distances of up to 300 feet. To use your phone's Wi-Fi, you need access to a wireless access point or "hotspot."

The availability and range of the Wi-Fi signal depends on a number of factors, including infrastructure and other objects through which the signal passes.

Turn Wi-Fi On and Connect to a Wireless Network

Use the Wireless & networks setting menu to enable your phone's Wi-Fi radio and connect to an available Wi-Fi network.

1. From home, tap **Apps** > **Settings** > **Wi-Fi**.



❖ The Wi-Fi settings menu appears.

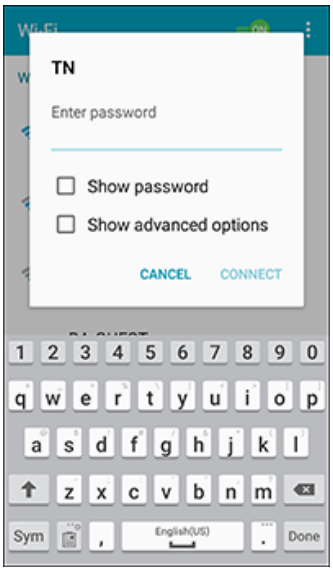
2. Tap the **ON/OFF** slider to turn Wi-Fi on.

Wi-Fi
OFF
To see available networks, turn on Wi-Fi.
To improve location accuracy, applications may scan for nearby networks, even when Wi-Fi is turned off. To turn off this feature, go to Settings > Wi-Fi > Advanced settings, and turn off Always allow scanning.

❖ Wi-Fi is enabled. You will see the names and security settings of in-range Wi-Fi networks.

- To disable Wi-Fi, tap the **ON/OFF** slider again.

3. Tap a Wi-Fi network to connect, enter the password (if it's not an open network), and then tap **Connect**.



❖ Your phone is connected to the Wi-Fi network. You will see in the Status bar.

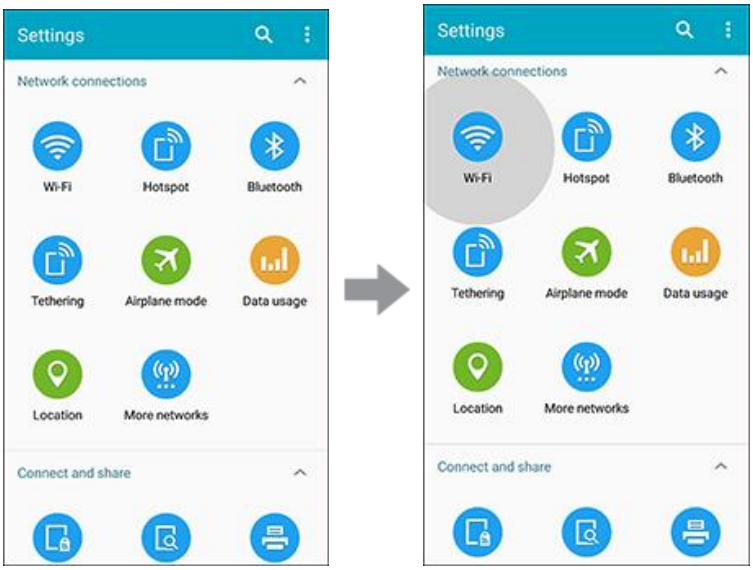
- The password, for a household wireless LAN router, is sometimes found on a sticker on the router (WEP, WPA, KEY, etc.). Contact the router manufacturer for information. For password for a public wireless LAN, check with user's service provider.
- Entering a password is not required if an access point is not security protected.

Note: The next time your phone connects to a previously accessed secured wireless network, you will not be prompted to enter the password again, unless you reset your phone to its factory default settings or you instruct the phone to forget the network.

Wi-Fi Settings

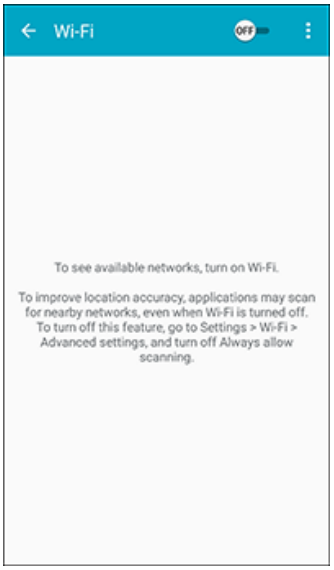
Use the Wi-Fi settings menu to manually set your Wi-Fi connection options.

1. From home, tap **Apps** > **Settings** > **Wi-Fi**.



❖ The Wi-Fi settings menu appears.

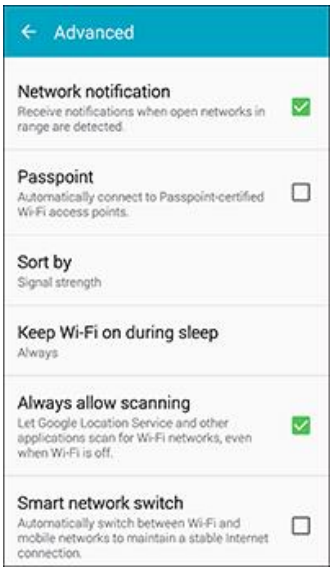
2. Tap the **ON/OFF** slider to turn Wi-Fi on.


Wi-Fi
OFF
To see available networks, turn on Wi-Fi.
To improve location accuracy, applications may scan for nearby networks, even when Wi-Fi is turned off. To turn off this feature, go to Settings > Wi-Fi > Advanced settings, and turn off Always allow scanning.

❖ Wi-Fi is enabled. You will see the names and security settings of in-range Wi-Fi networks.

- To disable Wi-Fi, tap the **ON/OFF** slider again.

3. Tap **More options** > **Advanced**.


Advanced
Network notification
Receive notifications when open networks in range are detected.
Passpoint
Automatically connect to Passpoint-certified Wi-Fi access points.
Sort by
Signal strength
Keep Wi-Fi on during sleep
Always
Always allow scanning
Let Google Location Service and other applications scan for Wi-Fi networks, even when Wi-Fi is off.
Smart network switch
Automatically switch between Wi-Fi and mobile networks to maintain a stable Internet connection.

❖ The advanced Wi-Fi settings menu appears.

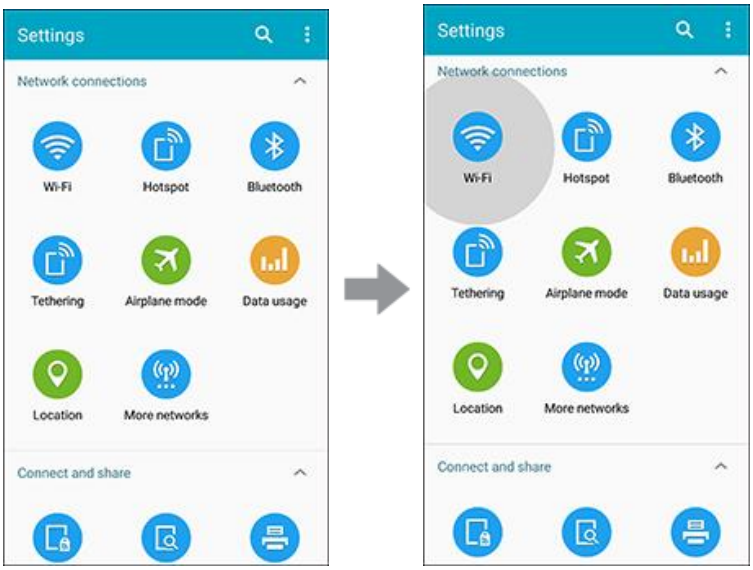
4. Configure your Wi-Fi settings.

❖ Your Wi-Fi settings changes are saved.

Remove a Wi-Fi Network

You may wish to remove a connected Wi-Fi network.

1. From home, tap **Apps** > **Settings** > **Wi-Fi**.



❖ The Wi-Fi settings menu appears.

2. Press and hold the name of the connected access point, and then tap **Forget network**.

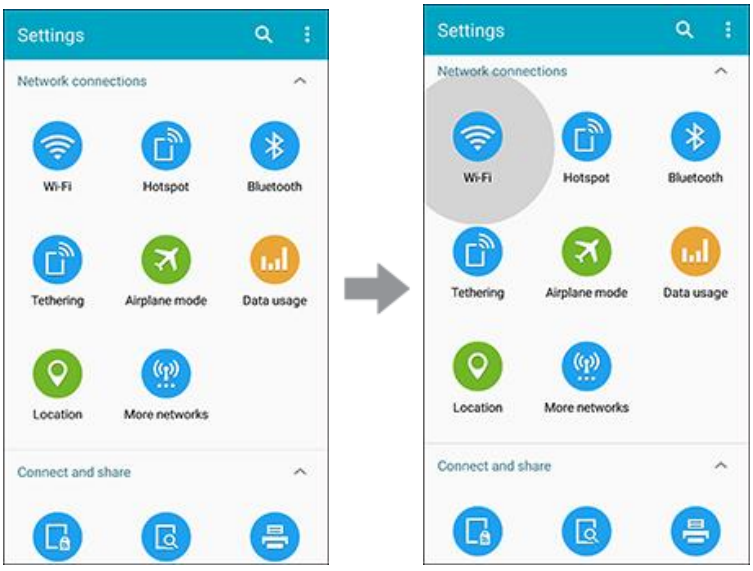
❖ Wi-Fi is disconnected.

- After “forgetting” an access point, you need to enter the correct password (and other network settings, if required) to reconnect.

Wi-Fi Direct

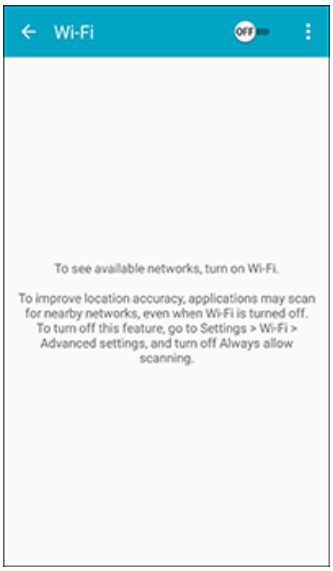
Use Wi-Fi Direct to connect directly to other Wi-Fi Direct devices using only Wi-Fi, without a wireless access point (network) or through the Internet.

1. From home, tap **Apps** > **Settings** > **Wi-Fi**.



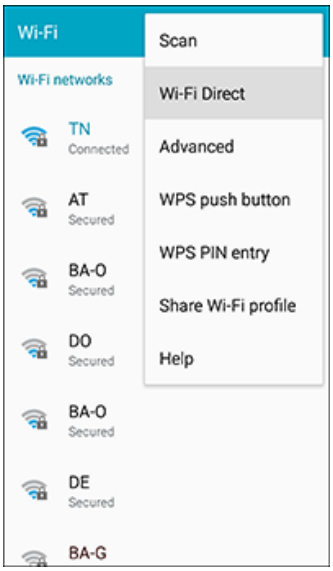
❖ The Wi-Fi settings menu appears.

2. Tap the **ON/OFF** slider to turn Wi-Fi on.


Wi-Fi
OFF
To see available networks, turn on Wi-Fi.
To improve location accuracy, applications may scan for nearby networks, even when Wi-Fi is turned off. To turn off this feature, go to Settings > Wi-Fi > Advanced settings, and turn off Always allow scanning.

❖ Wi-Fi is enabled.

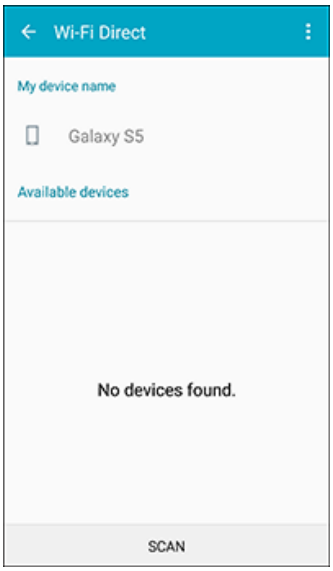
3. Tap **More options** > **Wi-Fi Direct**.



❖ The Wi-Fi Direct settings menu appears.

▪ Wi-Fi Direct and Wi-Fi are unavailable at the same time.

4. Tap a device with which to connect.



   - If connected via Wi-Fi, you will see a confirmation. Follow the onscreen instructions.

5. Accept the connection on the other device.

   ❖ The phone is connected via Wi-Fi Direct.

   - If a connection is not accepted after a certain period, the connection request is cancelled.
   - To stop a connection, tap **End connection** > **OK**.

Hotspot

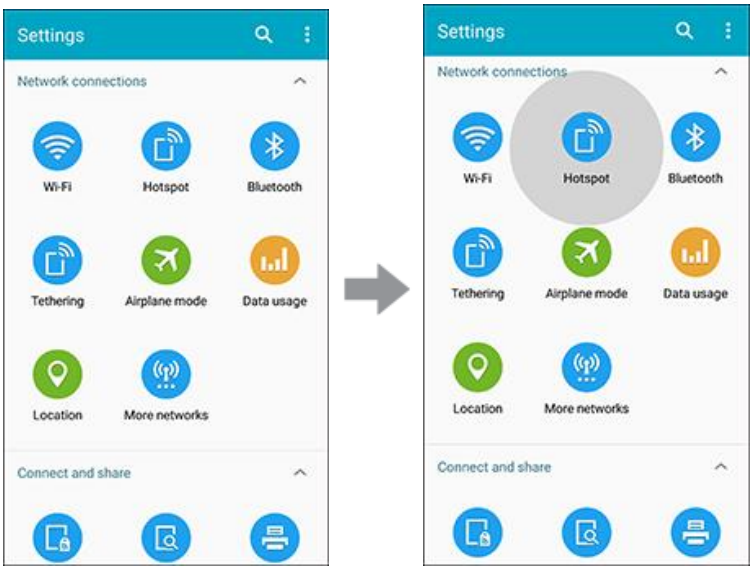
Hotspot allows you to turn your phone into a Wi-Fi hotspot. When this feature is turned on, you can share your phone's mobile data services via Wi-Fi with other Wi-Fi enabled devices. The feature works best when used in conjunction with 4G data services (although 3G service can also be used).

Important: Use of the Hotspot feature requires an additional subscription and available only on multiple-line accounts. Learn more at virginmobileusa.com.

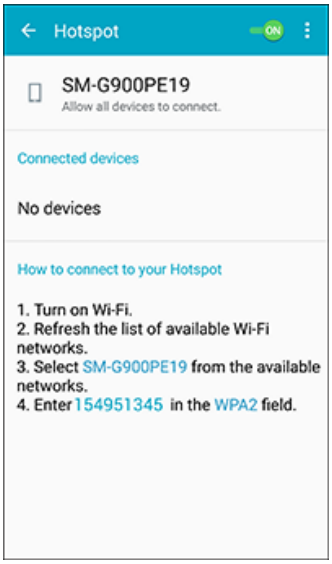
Note: Turning on Hotspot on will disable your phone's connection to Wi-Fi networks.

Set Up Hotspot

1. From home, tap **Apps** > **Settings** > **Hotspot**.



2. Tap the **ON/OFF** slider to turn Hotspot on.


Hotspot
ON
SM-G900PE19
Allow all devices to connect.
Connected devices
No devices
How to connect to your Hotspot
1. Turn on Wi-Fi.
2. Refresh the list of available Wi-Fi networks.
3. Select SM-G900PE19 from the available networks.
4. Enter 154951345 in the WPA2 field.

   - ❖ Hotspot is enabled.
   - ▪ To disable Hotspot, tap the **ON/OFF** slider again.

Note: The best way to keep using the phone as a hotspot is to have it connected to a power supply.

Important: Write down the passkey (password) for this communication (shown onscreen).

Connect to Hotspot

1. Enable Wi-Fi (wireless) functionality on your target device (laptop, media device, etc.).
2. Scan for Wi-Fi networks from the device and select your phone hotspot from the network list.
   - The default name for your phone's hotspot is its Device name. You can change the name by tapping **About device** > **Device name** from the main Settings screen.
3. Select this phone and follow your onscreen instructions to enter the passkey (provided on the Hotspot page).
   - ❖ The device is connected via your phone's Hotspot.
4. Launch your Web browser to confirm you have an Internet connection.

Bluetooth

Bluetooth® is a short-range communications technology that allows you to connect wirelessly to a number of Bluetooth devices, such as headsets and hands-free car kits, and Bluetooth-enabled handhelds, computers, printers, and wireless phones. The Bluetooth communication range is usually approximately 30 feet.

Bluetooth Hints

Question: Can't use Bluetooth?

Answer: Is your phone in airplane mode? Bluetooth is unavailable in airplane mode.

Bluetooth Function Cautions

Information may not appear correctly on connected devices depending on the transferred data.

Bluetooth Information

Bluetooth is a technology that enables wireless connection with PCs, Bluetooth devices with hands-free features, etc.

Function	Description
Audio output	Listen to music, etc., wirelessly.
Hands-free calls	Call hands-free, using Bluetooth-capable hands-free devices and headsets.
Data exchange	Exchange data with Bluetooth devices.

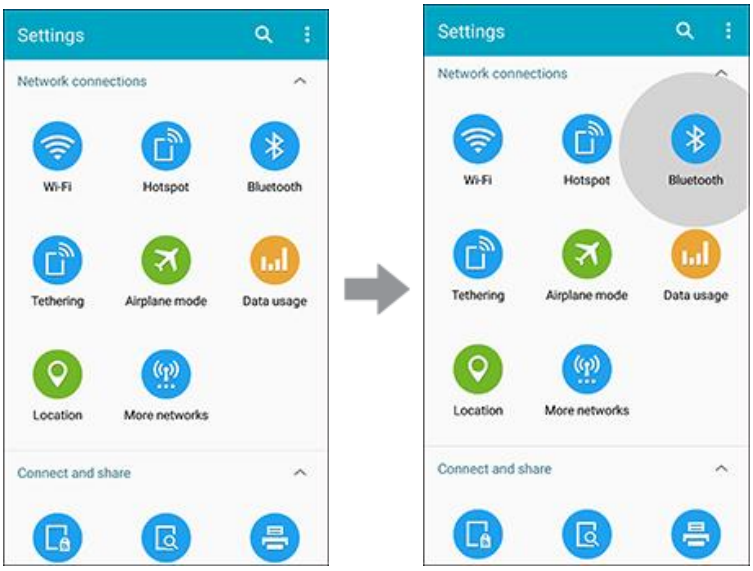
Enable the Bluetooth Feature

Use the settings menu to enable or disable your phone's Bluetooth capabilities.

- Wireless connection to all Bluetooth® functions is not guaranteed for the phone.
- The phone may not connect properly depending on the other device.
- Noise may be experienced with wireless calls and hands-free calls depending on the conditions.

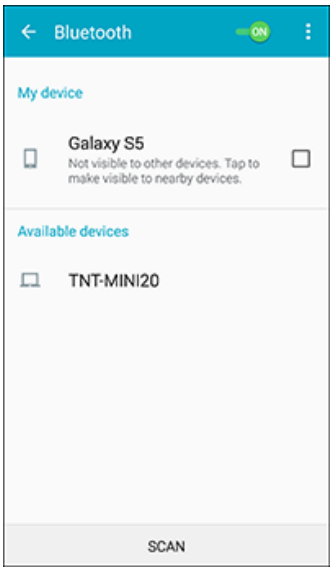
To enable Bluetooth:

1. From home, tap **Apps** > **Settings** > **Bluetooth**.



❖ The Bluetooth settings display.

2. Tap the **ON/OFF** slider to turn Bluetooth on.



- ❖ Bluetooth is enabled.
- ▪ To disable Bluetooth, tap the **ON/OFF** slider again.

Tip: You can also turn Bluetooth on or off with the Quick settings button in the Notification panel. Drag the Status bar down to display the Notification panel and then tap **Bluetooth** to turn Bluetooth on or off.

Note: Turn off Bluetooth when not in use to conserve battery power, or in places where using a wireless phone is prohibited, such as aboard an aircraft and in hospitals.

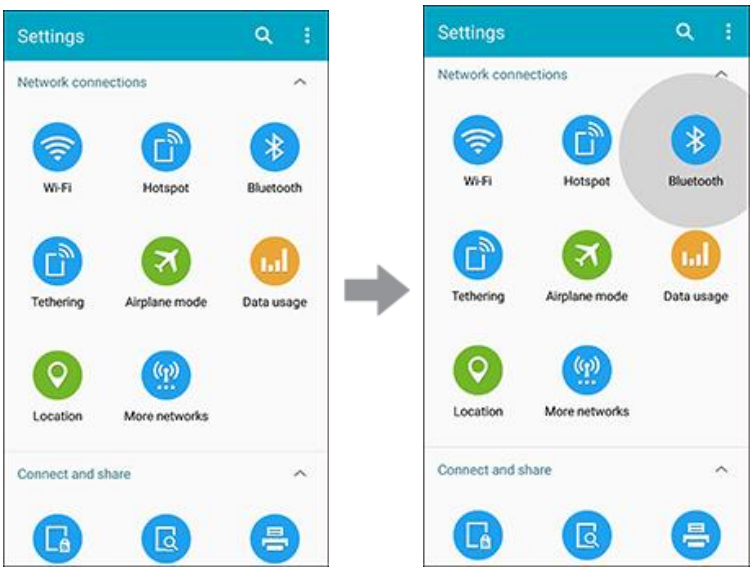
Pair Bluetooth Devices

Search for and pair nearby Bluetooth devices.

- Before pairing, turn on Bluetooth on the other device, and make sure it is visible or discoverable.

Pairing Bluetooth Devices

1. From home, tap **Apps** > **Settings** > **Bluetooth**.



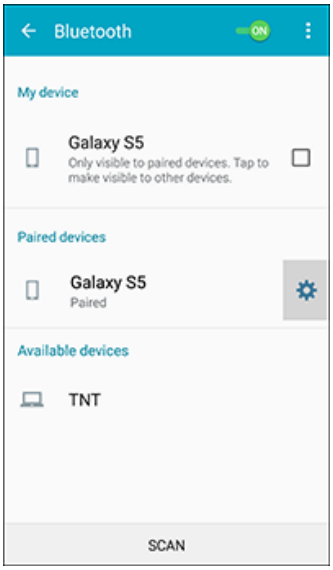
   - ❖ The Bluetooth settings display.
   - Nearby devices that are visible or discoverable appear in the “Available devices” list.
   - If a target device is not detected, tap **Scan** to search again.

2. Tap a device from the “Available devices” list, and follow the onscreen instructions to pair with the device. Methods to accept a Bluetooth connection differ depending on the devices used.

   - ❖ The Bluetooth device is paired to your phone.

Unpairing from a Paired Device

1. From the Bluetooth settings menu, tap **Settings** next to the paired device you wish to unpair.



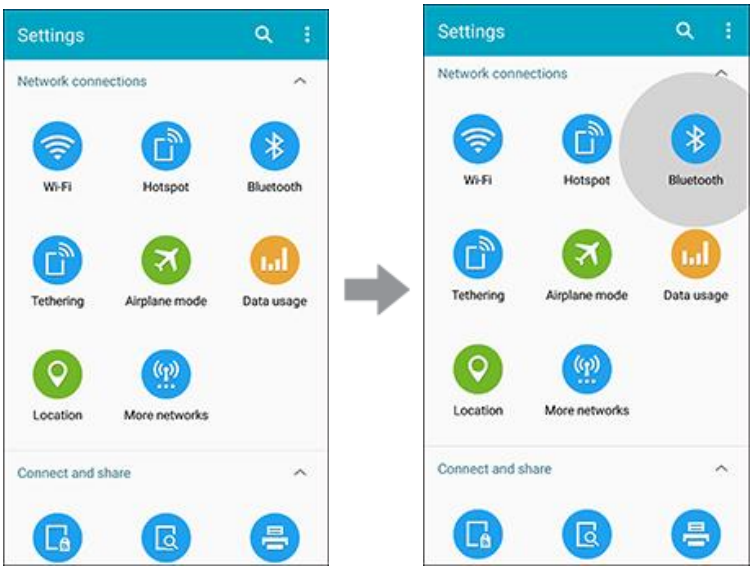
2. Tap **Unpair**.

   ❖ The device is unpaired from your phone. To make another connection with the device, you will need to pair again.

Connect to a Paired Bluetooth Device

You can listen to music over a Bluetooth stereo headset, or have hands-free conversations using a compatible Bluetooth headset or car kit. It's the same procedure to set up stereo audio and hands-free devices.

1. From home, tap **Apps** > **Settings** > **Bluetooth**.



   - ❖ The Bluetooth settings display.
   - ▪ Paired Bluetooth devices appear in the "Paired devices" list.

2. Tap a device from the "Paired devices" list.
   - ❖ Your phone connects to the paired device.

The pairing and connection status is displayed below the device's name in the Bluetooth devices section. When the device is connected to your phone, the Bluetooth connected icon is displayed in the Status bar. Depending on the type of device you have connected, you can then start using the headset or car kit to listen to music or make and receive phone calls.

Note: Due to different specifications and features of other Bluetooth-compatible devices, display and operations may be different, and functions such as transfer or exchange may not be possible with all Bluetooth-compatible devices.

Share Information Using Bluetooth

You can use Bluetooth to transfer information between your phone and another Bluetooth-enabled device such as a phone or notebook computer.

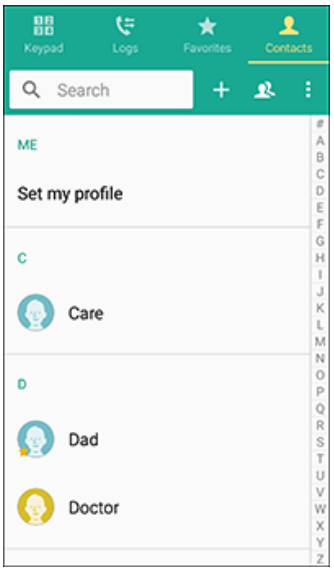
Types of Data You Can Share via Bluetooth

You can share the following types of information, depending on the device you are connected to:

- Images and videos
- Calendar events
- Contacts
- Audio files

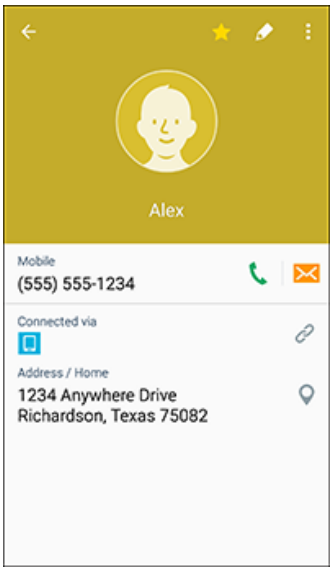
Sharing Contacts Data via Bluetooth

1. From home, tap **Apps** > **Contacts** .

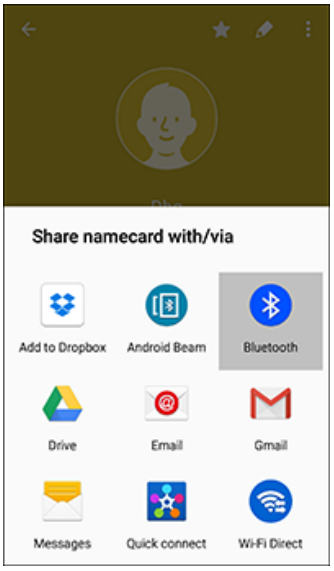


❖ You will see the Contacts list.

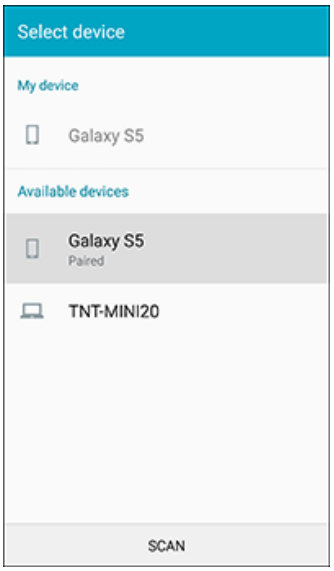
2. Tap a contact to share.



3. Tap **More options** > **Share name card** > **Bluetooth**.



4. Tap a paired device to receive the data.



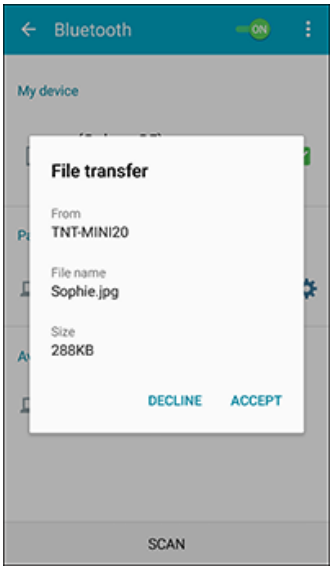
❖ The contact information is sent.

- If you see a message to confirm, follow the onscreen instructions.

Receiving Contacts Data via Bluetooth

Note: Your phone must be paired with another Bluetooth-enabled device in order to share information.

1. When another device attempts to send a file to your phone via Bluetooth, you will see a request to accept the file.



2. Tap **Accept**.

   ❖ The file is sent to your phone.

   - When your phone receives a file, you will see a notification. To open the file immediately, drag the Status bar down to display the Notification panel, and then tap the notification.
   - When you open a received file, what happens next depends on the file type:
     - For a vCalendar file, select the calendar where you want to save the event, and then tap **Import**. The vCalendar is added to your Calendar events. (For more information on using the Calendar, see Calendar.)
     - For a vCard contact file, received contacts are stored in the Contacts list.

Settings

The following topics provide an overview of items you can change using your phone's **Settings** menus.

Basic Settings

From the Home screen, tap **App** > **Settings** to access your phone's settings menu.

The table below outlines the top-level settings categories.

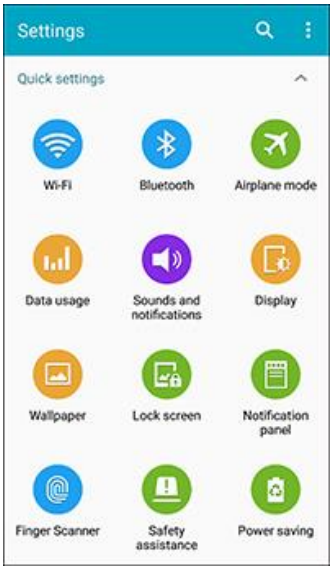
Category	Description
Wi-Fi	Enable and set Wi-Fi options.
Hotspot	Enable and set Hotspot options.
Bluetooth	Enable Bluetooth connections.
Tethering	Enable and set Tethering options.
Airplane mode	Turn Airplane mode on or off.
Data usage	Check your phone's data usage.
Location	Select your phone's location access options.
More networks	Set wireless and network functions, including selecting a default messaging app, accessing mobile network settings, and setting up a Virtual Private Network (VPN).
NFC	Allow data exchange when your phone is touched to another compatible device.
Nearby devices	Share media files with nearby devices via Wi-Fi, Wi-Fi Direct, or Mobile hotspot.
Printing	Set up print services to enable printing from your phone.
Screen Mirroring	Share your phone's screen with another device.
MirrorLink	Mirror your device's screen on your car's display system (which must support MirrorLink).
Sound and notifications	Set ringtone, operation tones, etc.

Category	Description
Display	Set display brightness, fonts, screen behaviors, etc.
Wallpaper	Set wallpaper backgrounds for different screens.
Lock screen	Set your phone's Lock screen options.
Multi window	Enable or disable the Multi window feature.
Notification panel	Configure the Notification panel.
Toolbox	Enable and configure the Toolbox feature.
One-handed operation	Adjust the screen size and layout for easy control with just one hand.
Easy mode	Switch your phone to a simpler Home screen layout and straightforward application interactions.
Accessibility	Set accessibility options such as screen magnification, hearing aid compatibility, etc.
Private mode	Hide personal content to keep it secure on your phone.
Finger Scanner	Configure fingerprint security for your phone.
Motions and gestures	View and toggle controls that respond to hand gestures and phone motions.
Air view	Preview info, view more text, or magnify images by hovering your finger over items on the screen.
Accounts	Set up accounts such as Samsung, Google, and more.
Cloud	Add cloud storage accounts to back up your phone and sync content.
Backup and reset	Set up backup options for your phone, as well as resetting the phone to its factory defaults.
Language and input	Set up language and input methods for your phone.
Date and time	Set your phone's date and time.
Safety assistance	Configure safety features available on your phone.
Accessories	Configure your phone for use with external accessories.

Category	Description
Battery	Display the battery charge as a percentage on the Status bar, and view battery usage by application and system process.
Power saving	Save battery power by configuring power saving modes.
Storage	View total and available system memory, and mount, unmount, and format memory cards (not included).
Security	Set security features such as device administrators, encryption, and trusted credentials.
Help	View tips and guidelines for using for your device.
Activate this device	Activate your phone on your service provider's network.
System update	Update your system's software, PRL, and Profile.
About device	View device status, legal information, and hardware information about your device.
Application manager	Manage applications and system processes.
Default applications	Configure Home screen themes and the default messaging app.
Calendar	Configure calendar settings.
Call	Configure call settings and voicemail settings.
Contacts	Configure settings for contacts.
Email	Configure email settings.
Gallery	Configure settings for the Gallery app.
Internet	Configure settings for the Internet app.
Messages	Configure settings for the Messages app.
S Voice	Configure settings for the S Voice app.

Access Settings

- From home, tap **Apps** > **Settings** .



  - The settings menu opens.

Search Settings

Enter key words to search for settings.

1. From home, tap **Apps** > **Settings** .
2. Tap **Search**, and then enter key words.

Settings Options

Configure options to make Settings easy for you to use.

1. From home, tap **Apps** > **Settings** .
2. Tap **Menu** for these options:
   - **View as**: Display Settings in a grid, a list, or in tabs.
   - **Edit quick settings**: Twelve quick settings appear at the top of the list or grid of Settings. Tap settings to select them for display as quick settings.
   - **Help**: Learn about Settings.

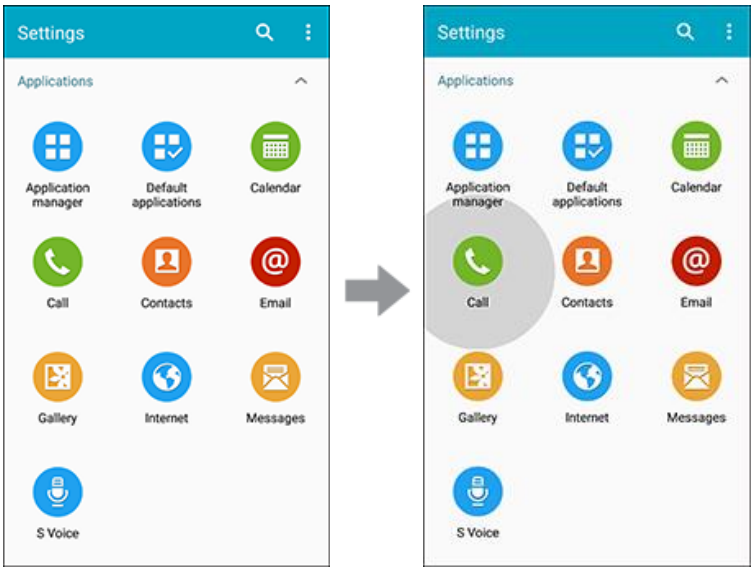
TTY Mode

A TTY (teletypewriter, also known as a TDD or Text Telephone) is a telecommunications device that allows people who are deaf, hard of hearing, or who have speech or language disabilities, to communicate by telephone.

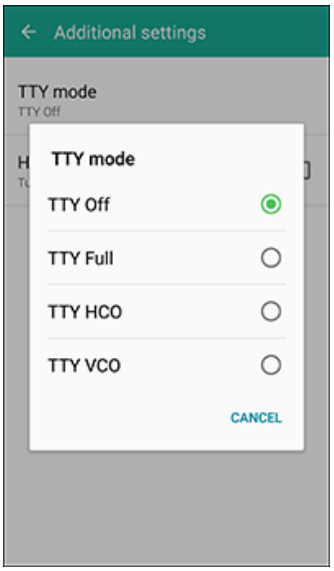
Your phone is compatible with select TTY devices. Please check with the manufacturer of your TTY device to ensure that it supports digital wireless transmission. Your phone and TTY device will connect using a special cable that plugs into your phone's headset jack. If this cable was not provided with your TTY device, contact your TTY device manufacturer to purchase the connector cable.

To turn TTY Mode on or off:

1. From home, tap **Apps** > **Settings** > **Call**.



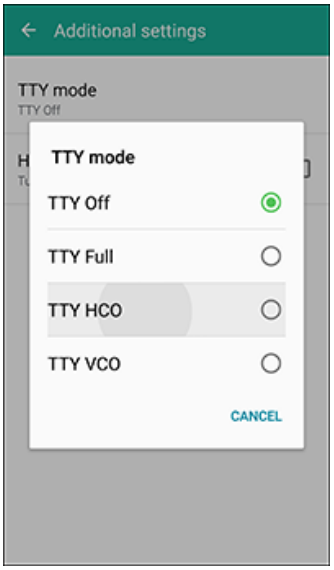
2. Tap **Additional settings** > **TTY mode**.



3. Tap **TTY Full**, **TTY HCO**, or **TTY VCO** to turn TTY mode on.

   – or –

   Tap **TTY Off** to turn TTY mode off.



   ❖ Your phone's TTY mode is set.

Note: When enabled, TTY mode may impair the audio quality of non-TTY devices connected to the headset jack.

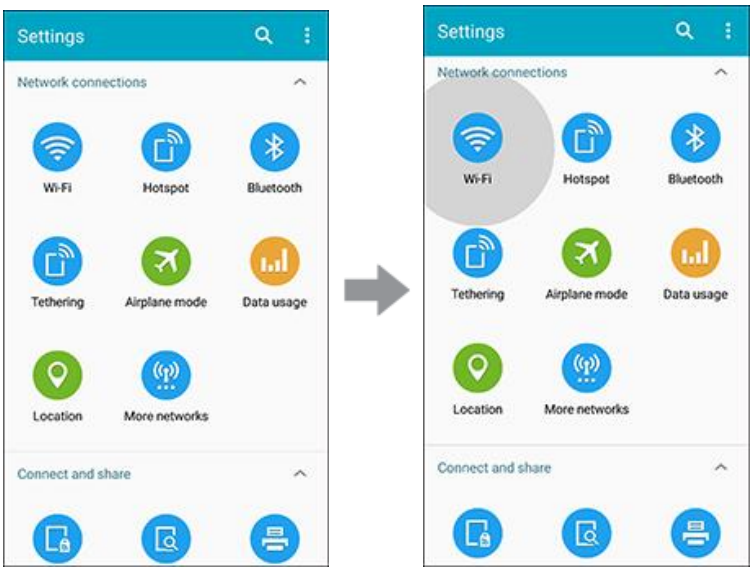
Warning: **9-1-1 Emergency Calling**
It is recommended that TTY users make emergency calls by other means, including Telecommunications Relay Services (TRS), analog cellular, and landline communications. Wireless TTY calls to 9-1-1 may be corrupted when received by public safety answering points (PSAPs), rendering some communications unintelligible. The problem encountered appears related to TTY equipment or software used by PSAPs. This matter has been brought to the attention of the FCC, and the wireless industry and the PSAP community are currently working to resolve this.

Wi-Fi Settings

The Wi-Fi settings menu lets you turn Wi-Fi on or off, set up and connect to available Wi-Fi networks, and configure advanced Wi-Fi options.

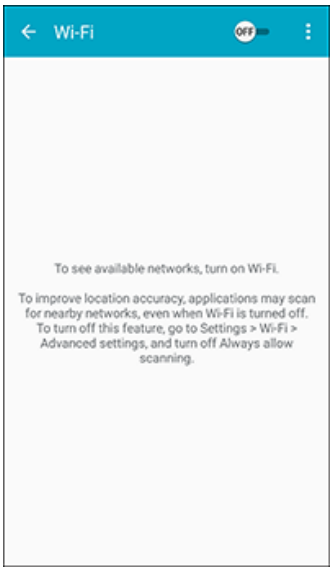
For more information about using Wi-Fi settings, see Wi-Fi.

1. From home, tap **Apps** > **Settings** > **Wi-Fi**.



❖ The Wi-Fi settings menu appears.

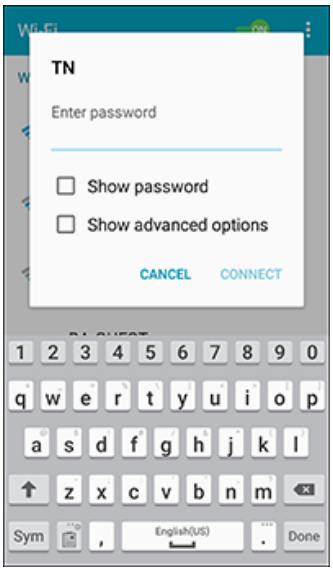
2. Tap the **ON/OFF** slider to turn Wi-Fi on.


Wi-Fi
OFF
To see available networks, turn on Wi-Fi.
To improve location accuracy, applications may scan for nearby networks, even when Wi-Fi is turned off. To turn off this feature, go to Settings > Wi-Fi > Advanced settings, and turn off Always allow scanning.

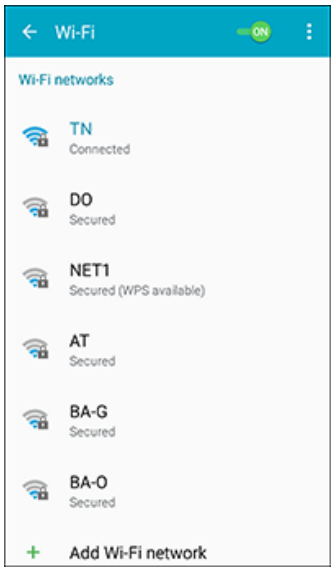
❖ Wi-Fi is enabled. You will see the names and security settings of in-range Wi-Fi networks.

- To disable Wi-Fi, tap the **ON/OFF** slider again.

3. Tap a Wi-Fi network, enter the password, and tap **Connect**.



❖ Your phone is connected to the selected Wi-Fi network.



- The password, for a household wireless LAN router, is sometimes found on a sticker on the router (WEP, WPA, KEY, etc.). Contact the router manufacturer for information. For password for a public wireless LAN, check with user's service provider.
- Entering a password is not required if an access point is not security protected.

Manually Scan for Wi-Fi Networks

To update the list of available Wi-Fi networks, perform a manual scan.

■ From Wi-Fi settings, tap **More options** > **Scan**.

❖ The list of available Wi-Fi networks is updated.

Connect to a Wi-Fi Network via WPS

Wi-Fi Protected Setup (WPS) is a network security standard that allows you to easily secure a wireless network connection between your phone and a router.

To connect using a WPS button:

1. From Wi-Fi settings, tap **More options** > **WPS push button**.
2. Tap the WPS button on your router.
3. Follow the prompts to complete the connection.

To connect using a Personal Identification Number (PIN):

1. From Wi-Fi settings, tap **More options** > **WPS PIN entry**.
2. Enter the PIN displayed on your router.
3. Follow the prompts to complete the connection.

Advanced Wi-Fi Settings

The advanced Wi-Fi settings menu lets you set up and manage wireless access points.

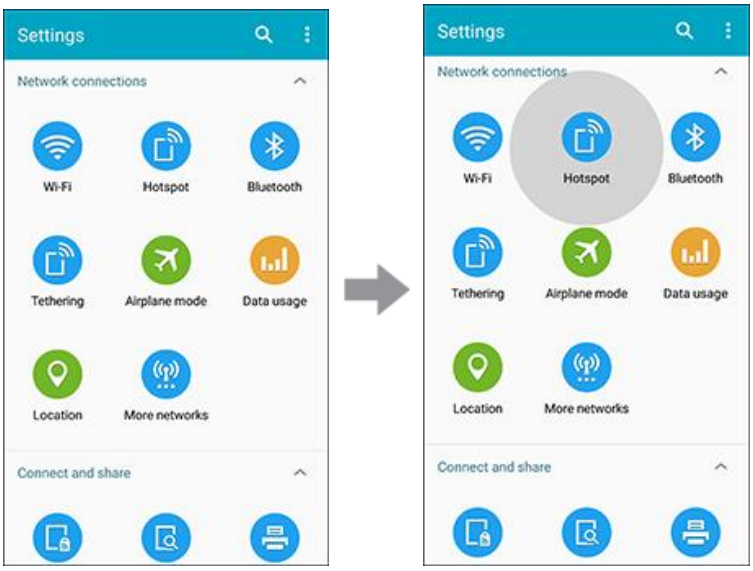
- **Enable Notification When Open Networks Are Available**: From Wi-Fi settings, tap **More options** > **Advanced** > **Network notification**.
  - The setting is available when Wi-Fi is turned on.
  - Tap **Network notification** to turn the option on or off.
- **Automatically Connect to Passpoint-certified Wi-Fi Access Points**: From Wi-Fi settings, tap **More options** > **Advanced** > **Passpoint** to turn the option on or off.
- **Set Timing for Pausing a Connection**: From Wi-Fi settings, tap **More options** > **Advanced** > **Keep Wi-Fi on during sleep** and then select a setting.
- **Sort Wi-Fi Networks Alphabetical or by Signal Strength**: From Wi-Fi settings, tap **More options** > **Advanced** > **Sort by** and then select a setting.
- **Allow Background Scanning for Wi-Fi Networks (Even When Wi-Fi Is Turned Off)**: From Wi-Fi settings, tap **More options** > **Advanced** > **Always allow scanning** to turn the option on or off.
- **Switch between Wi-Fi and Cellular Service to Maintain a Stable Internet Connection**: From Wi-Fi settings, tap **More options** > **Advanced** > **Smart network switch** to turn the option on or off.
- **Install Network Security Certificates**: From Wi-Fi settings, tap **More options** > **Advanced** > **Install certificates** and select a certificate.
- **Check MAC Address**: From Wi-Fi settings, tap **More options** > **Advanced**.
  - MAC Address appears below “MAC Address.”
- **Check IP Address**: From Wi-Fi settings, tap **More options** > **Advanced**.
  - IP Address appears below “IP Address.”

Hotspot Settings

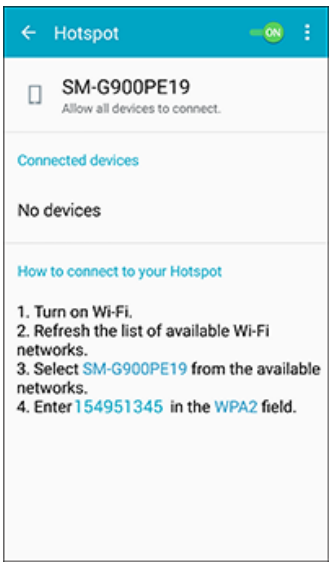
Use the settings menu to configure your Hotspot, which allow you to share your phone's data service with multiple Wi-Fi capable devices.

For more information about using Hotspot, see Hotspot.

1. From home, tap **Apps** > **Settings** > **Hotspot**.



2. Tap the **ON/OFF** slider to turn Hotspot on.


Hotspot
ON
SM-G900PE19
Allow all devices to connect.
Connected devices
No devices
How to connect to your Hotspot
1. Turn on Wi-Fi.
2. Refresh the list of available Wi-Fi networks.
3. Select SM-G900PE19 from the available networks.
4. Enter 154951345 in the WPA2 field.

❖ Hotspot is enabled.

- To disable Hotspot, tap the **ON/OFF** slider again.

Advanced Hotspot Settings

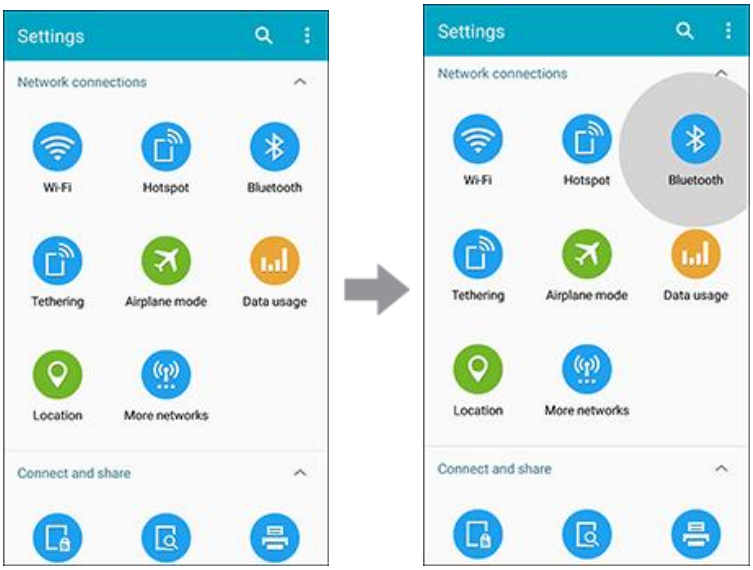
The Hotspot settings menu lets you configure advanced options.

- **Set Network SSID**: From the Hotspot window, tap **More options** > **Configure hotspot** > **Network SSID**, enter a name for your hotspot, and then tap **SAVE**.
- **Set Hotspot Security**: From the Hotspot window, tap **More options** > **Configure hotspot** > **Security**, select a security settings option, and then tap **SAVE**.
- **Set Hotspot Password**: From the Hotspot window, tap **More options** > **Configure hotspot** > **Password**, enter a password, and then tap **SAVE**.
- **Set Allowed Devices**: To select which devices are allowed to connect to Hotspot, In Hotspot window, tap **More options** > **Allowed devices** > **Add** , enter a device name and MAC address, and then tap **OK**.
  - To remove allowed devices, tap **Remove** .
- **Set Hotspot Timeout Settings**: From the Hotspot window, tap **More options** > **Timeout settings**, select an option, and tap **OK**.
- **Set Local Area Network (LAN) Settings**: From the Hotspot window, tap **More options** > **LAN settings**, configure your options, and then tap **SAVE**.

Bluetooth Settings

Your phone's Bluetooth® capabilities let you use wireless headsets, send and receive pictures and files, and more. For details on your phone's Bluetooth usage, see Bluetooth.

- From home, tap **Apps** > **Settings** > **Bluetooth**.



  - The Bluetooth settings open.

Bluetooth Settings Operations

- **Enable Bluetooth**: In Bluetooth settings, tap the **ON/OFF** slider to enable.
  - When enabled, confirmation appears for your phone to be discoverable by other devices. Follow the onscreen instructions.
- **Enable Your Phone to be Discoverable to Other Devices**: From Bluetooth settings, tap your phone name.
  - Tap the phone name to toggle visible/not visible setting.
  - The indication below the phone name shows its visibility status.
  - After the predetermined time, the phone returns to hidden mode and is no longer discoverable by nearby devices.
- **Pairing Bluetooth Devices**: Make sure the other devices are set to be discovered. From Bluetooth settings, tap the device name in "Available devices" and follow the onscreen instructions.
  - Depending on the device, you may be required to enter or accept a passkey.
  - If the target device does not appear, tap **Scan** to search again.

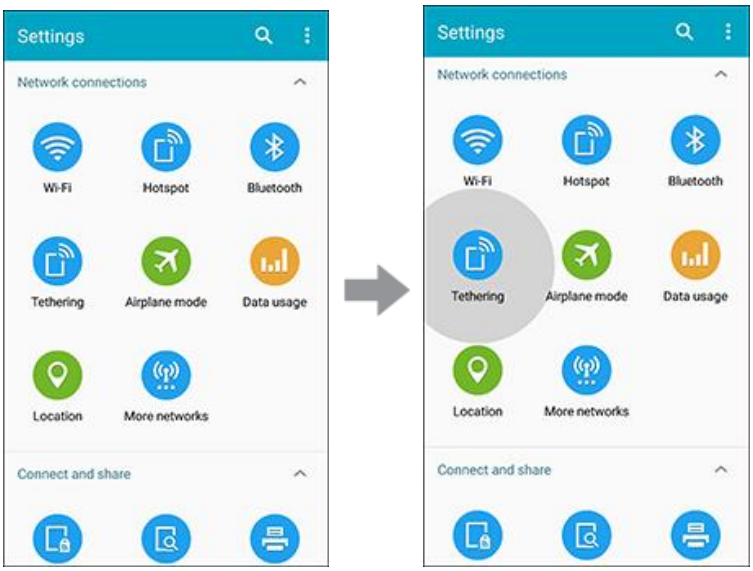
- **Change the Name of a Paired Device**: From Bluetooth settings, tap **Settings** next to a paired device name, tap **Rename**, enter a new name, and tap **OK**.
    - Emoji cannot be used in a device name.
- **Cancelling Pairing**: From Bluetooth settings, tap **Settings** next to a paired device name, and then tap **Unpair**.
- **Enable Service from Paired Device**: From Bluetooth settings, tap **Settings** next to a paired device name, and then tap the listing under **Profiles**.
    - If a confirmation prompt appears, follow the onscreen instructions.
    - This setting is available when the paired device is providing a service.
    - Tap the **ON/OFF** switch to turn the option on or off.
- **Search for Other Devices**: From Bluetooth settings, tap **Scan**.
- **Set Visibility Timeout**: From Bluetooth settings, tap **More options** > **Visibility timeout** and select an option.
    - Tap **Never timeout** to allow your phone always to be discoverable unless you turn off discoverability.
- **Check Files Received via Bluetooth Transfer**: From Bluetooth settings, tap **More options** > **Received files**, and follow the onscreen instructions.

Use Tethering to share your phone's Internet connection with a computer that connects to your phone via Hotspot or via Bluetooth.

USB Tethering

You can share your phone's Internet connection with other devices using a USB cable.

1. From home, tap **Apps** > **Settings** > **Tethering**.



2. Tap **USB tethering** to enable the feature.

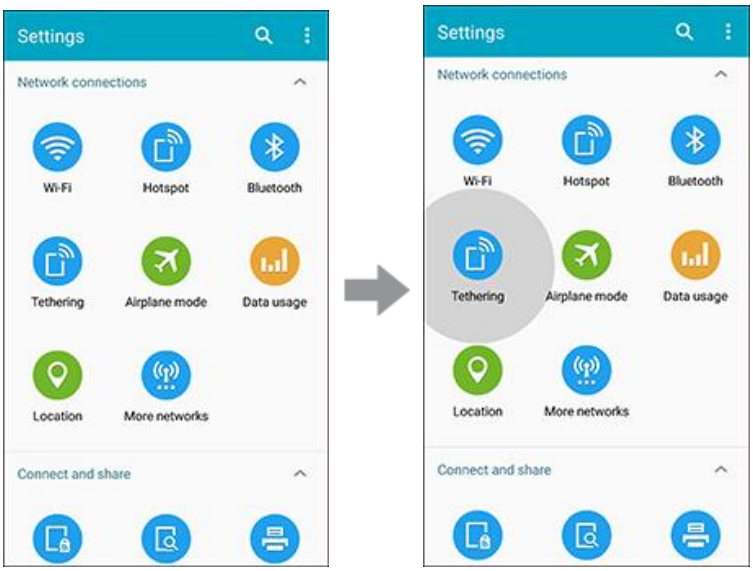
❖ USB tethering is enabled.

- To disable USB tethering, uncheck **USB tethering**.

Bluetooth Tethering

You can share your phone's Internet connection with other devices via Bluetooth.

1. From home, tap **Apps** > **Settings** > **Tethering**.



2. Tap **Bluetooth tethering** to enable the feature. See Bluetooth.

❖ Bluetooth tethering is enabled.

- To disable Bluetooth tethering, uncheck **Bluetooth tethering**.

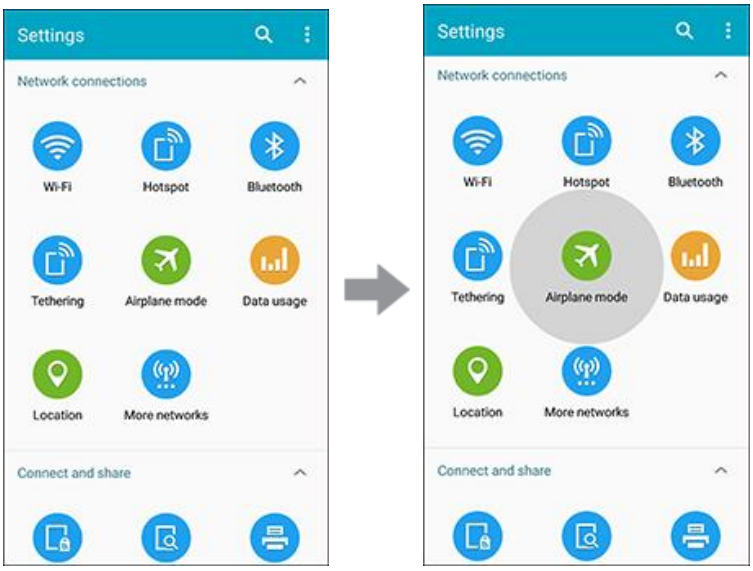
Airplane Mode

When you enable Airplane mode, your phone disconnects from all networks, meaning you cannot use make calls, send or receive messages, or access the Internet. It also turns off other connectivity features, such as Wi-Fi and Bluetooth.

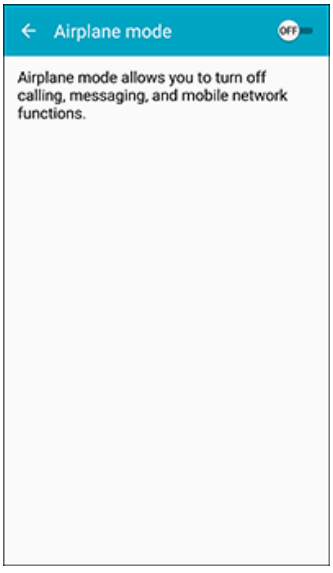
While in airplane mode, you can use other features of your phone, such as playing music, watching videos, or other applications.

To use Wi-Fi and Bluetooth after turning on Airplane mode, turn them on in Settings, or on the Notification Panel.

1. From home, tap **Apps** > **Settings** > **Airplane mode**.



2. Tap the **ON/OFF** slider to turn Airplane mode on.

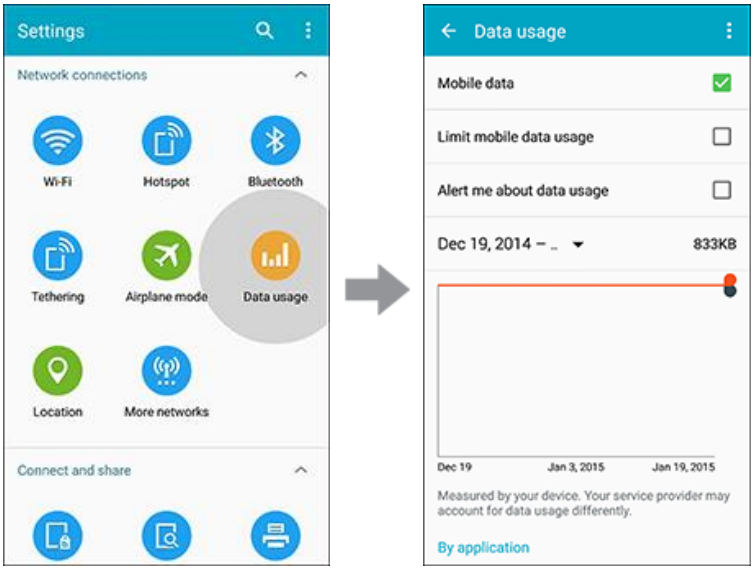


Data Usage Settings

The Data usage menu lets you view your phone's mobile and Wi-Fi data usage, set data limits, restrict hotspot usage, and more.

1. From home, tap **Apps** > **Settings** .

2. Tap **Data usage**.



❖ The data usage window opens.

Data Usage Settings Operations

- **Enable Mobile Data**: In Data usage window, tap the check box for **Mobile data** to enable the service.
  - If a confirmation appears, follow the onscreen instructions.
- **Enable Restrictions on Mobile Data Usage**: From the Data usage window, tap **Limit mobile data usage** > **OK** to enable restriction.
  - A check mark will appear.
  - With restriction turned on, drag the horizontal Limit slider up or down to set the data usage limit.
  - This setting is available when Mobile data is enabled.
- **Set Amount for Alert when Data Usage Increases**: From the Data usage window, insert a check mark next to **Alert me about data usage**, and then drag the horizontal warning slider up and down to set an amount.
  - Data usage amounts are approximate. Actual amounts may differ.
  - This setting is available when Mobile data is enabled.
- **Set Date for Resetting Data Usage**: To set the data usage measuring cycle, from the Data usage window, tap the box next to **Data usage cycle**, tap **Change cycle**, set a reset date, and tap **Set**.
  - This setting is available when Mobile data is enabled.
- **Check Data Usage for Each Application**: To see how your data is being used, slide the vertical white bars in the graph to set a usage period, and then tap an app name to see its usage for the period.
- **Enable Restriction on Mobile Data in Background**: From the Data usage window, tap **More options** > **Restrict background data** > **OK**.
  - The availability of roaming services is dependent on your service plan. Check with carrier and service plan for details.
  - This setting stops some apps and services from working unless your phone is connected to a Wi-Fi network.
  - This setting is available when **Limit mobile data usage** is on.

- **View Both Mobile Data and Wi-Fi Usage**: From the Data usage window, tap **More options** > **Show Wi-Fi usage**.
  - Tap **Show Wi-Fi usage** to toggle on and off. Enter the check mark to enable, clear the check mark to disable.
  - When **Show Wi-Fi usage** is enabled, you will see a Wi-Fi tab at the top of the Data usage window. Tap to view your phone's Wi-Fi data usage.
- **Select Wi-Fi networks which are mobile hotspots**: From the Data usage window, tap **More options** > **Mobile hotspots**.
- **Configure mobile networks**: From the Data usage window, tap **More options** > **Mobile networks**. See Mobile Networks Settings.

Location Settings

Your Location services settings menu lets you select how your phone determines its location (using the wireless networks, GPS satellites, both, or neither).

Location Settings Overview

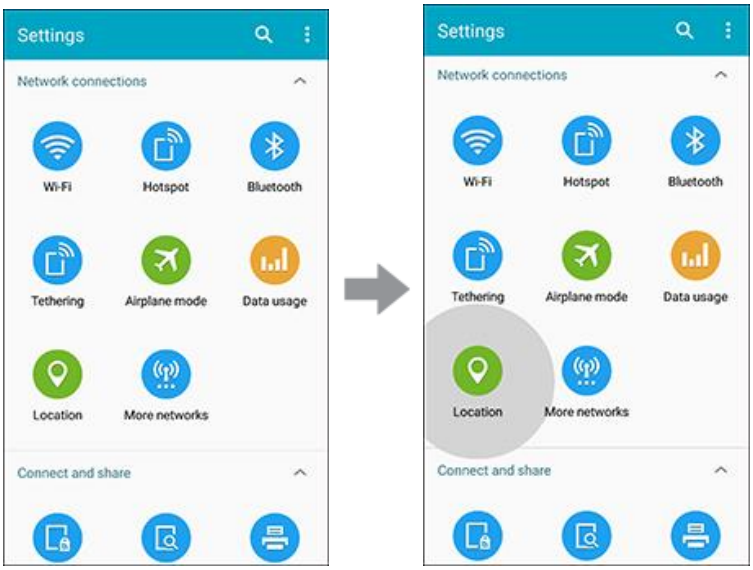
Your Location settings menu allows you to configure the following options.

Location Setting	Description
Mode	Select a locating method: High accuracy, Power saving, or GPS only.
Recent location requests	View app requests for location information.
Location services	Configure Google location services settings.

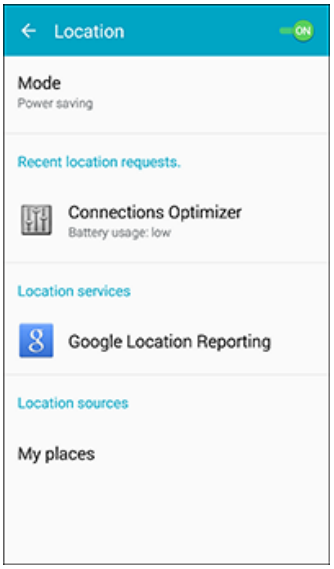
Enable Location Services

Before using any features that require location assistance, you must enable your phone's location services.

1. From home, tap **Apps** > **Settings** > **Location**.



2. Tap the **ON/OFF** switch to enable Location services.



❖ Your phone's location services are enabled.

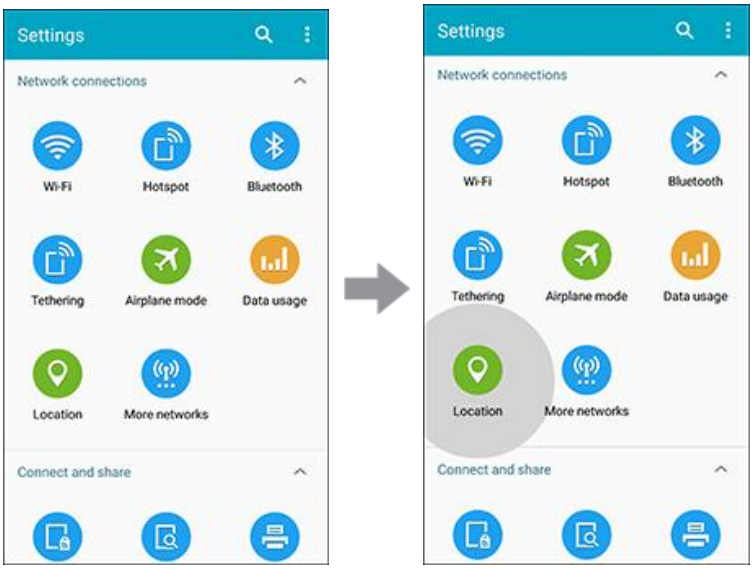
▪ If you see a confirmation, follow the onscreen instructions to connect.

Change Locating Method

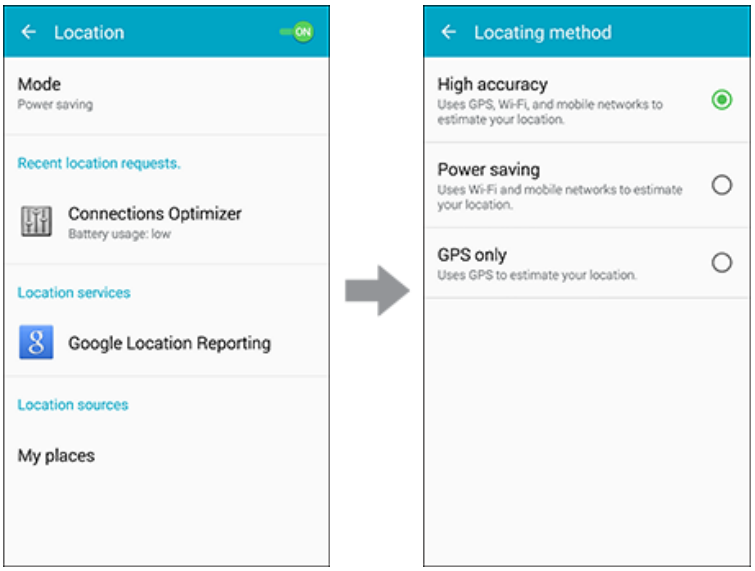
You can change the methods used for determining your location.

Note: Location must be turned on to change locating method.

1. From home, tap **Apps** > **Settings** > **Location**.



2. Tap **Mode**.



3. Select a locating method. Each mode has a description of which method or methods are used to estimate your location.

   ❖ Your phone's locating method is set.

More Networks Settings

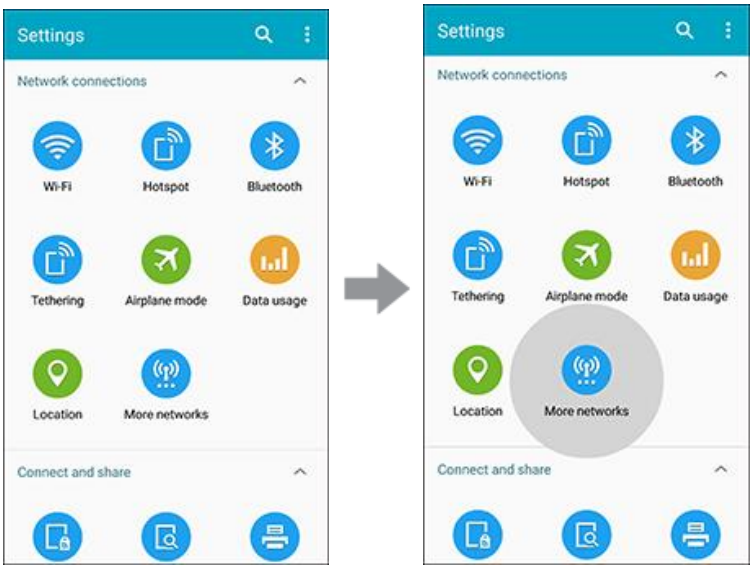
The More networks menu provides access to additional wireless and network options, such as default messaging app, VPN, mobile networks, and roaming (if available).

More Network Settings Options

Setting	Description
Default messaging app	Set a default text messaging app.
Mobile networks	Set a network mode, etc.
VPN	Add a Virtual Private Network (VPN).
Roaming	Set options for roaming, networks, and APNs.

Access More Networks Options

- From home, tap **Apps** > **Settings** > **More networks**.

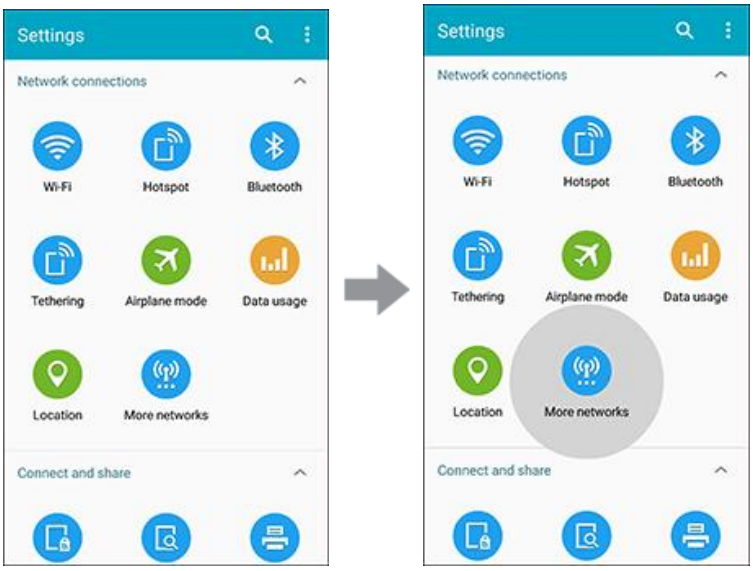


❖ The More networks screen displays.

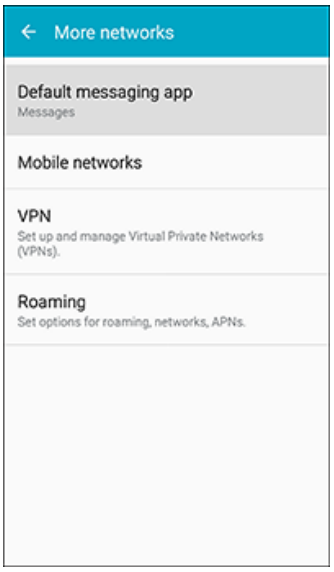
Default Messaging App Settings

If you have multiple messaging apps installed on your phone, you can choose the app your phone uses for messaging. The app you select here will be used when you choose Messages in other apps, such as when sharing items like pictures or video.

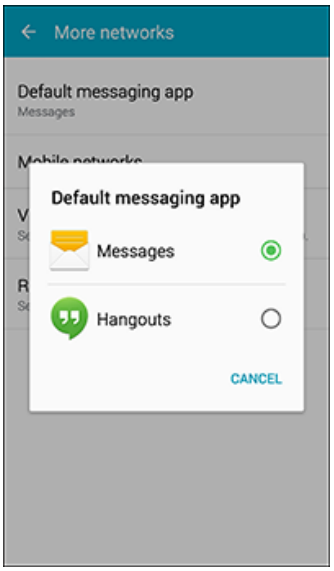
1. From home, tap **Apps** > **Settings** > **More networks**.



2. Tap **Default messaging app**.



3. Choose a messaging app.



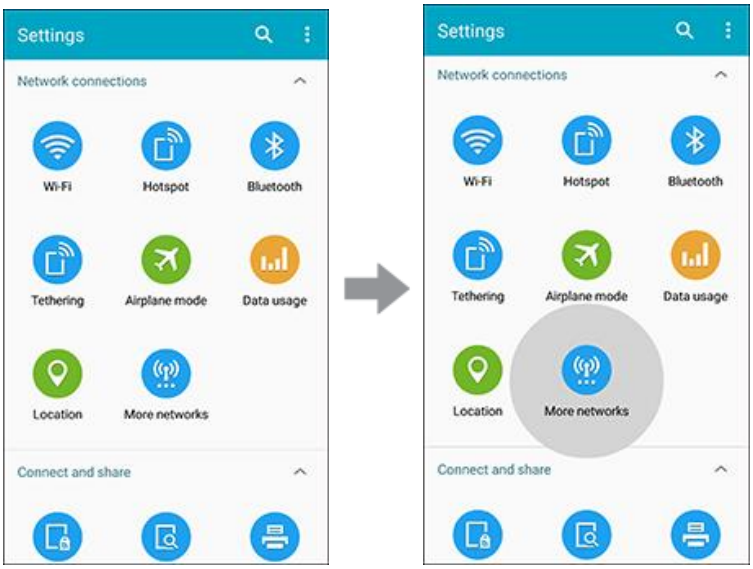
❖ The default messaging app is set.

Note: If you choose a default messaging app other than Messages (for example, Google Hangouts), you will not be able to use the standard Messages app unless you restore it as the default messaging app.

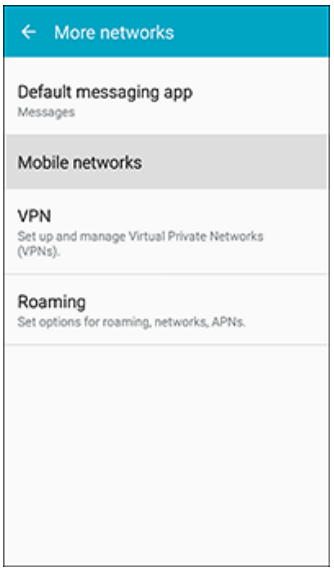
Mobile Networks Settings

Set options for network selection and data service.

1. From home, tap **Apps** > **Settings** > **More networks**.



2. Tap **Mobile networks**.



3. Configure options:

   - **Mobile data**: When enabled, your phone connects to the mobile data network, and can use the network to access the Internet and transfer information.
   - **Network mode**: Choose a preferred network mode. Available options depend on your phone's features, but may include LTE/CDMA and CDMA.
   - **Connections optimizer**: When enabled, Connections optimizer helps you manage and enhance your data experience by finding and connecting to "remembered" Wi-Fi networks, and, if applicable, the Virgin Mobile Spark Enhanced LTE Network. Remembered networks are those to which you have already connected.
   - **Access Point Name**: Manage your Access Point names.
   - **Network operators**: Configure network operators, if applicable.

Virtual Private Networks (VPN)

From your phone, you can add, set up, and manage virtual private networks (VPNs) that allow you to connect and access resources inside a secured local network, such as your corporate network.

Prepare Your Phone for VPN Connection

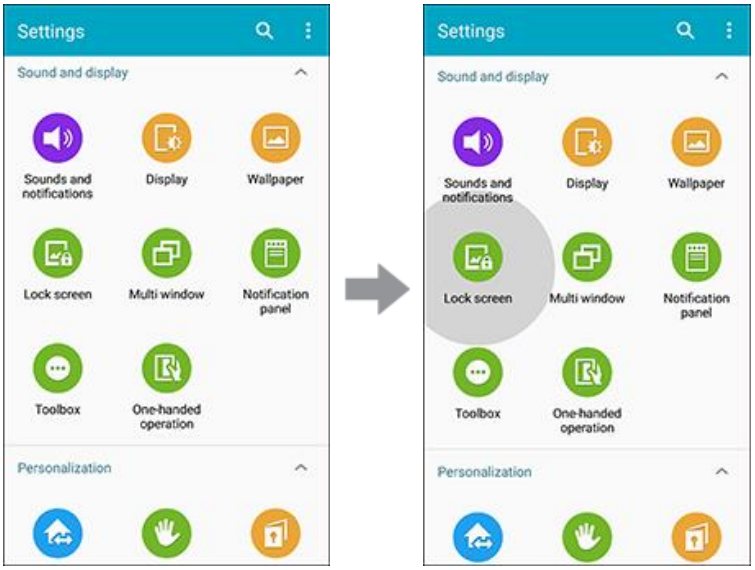
Depending on the type of VPN you are using at work, you may be required to enter your login credentials or install security certificates before you can connect to your company's local network. You can get this information from your network administrator.

Before you can initiate a VPN connection, your phone must first establish a Wi-Fi or data connection. For information about setting up and using these connections on your phone, see Browser and Turn Wi-Fi On and Connect to a Wireless Network.

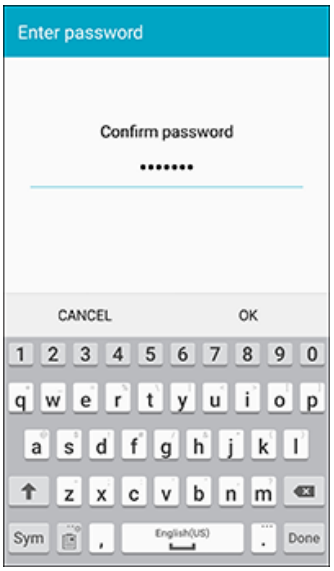
Set Up Secure Credential Storage

If your network administrator instructs you to download and install security certificates, you must first set up the phone's secure credential storage.

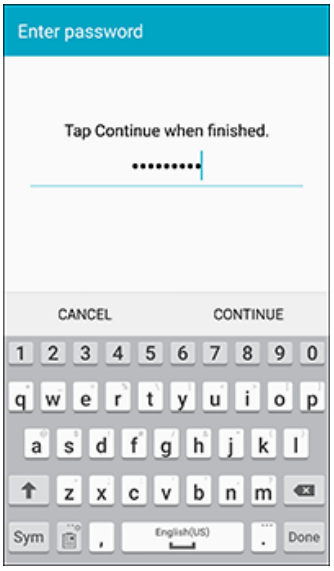
1. From home, tap **Apps** > **Settings** > **Lock screen**.



2. Tap **Screen lock** > **Password**.

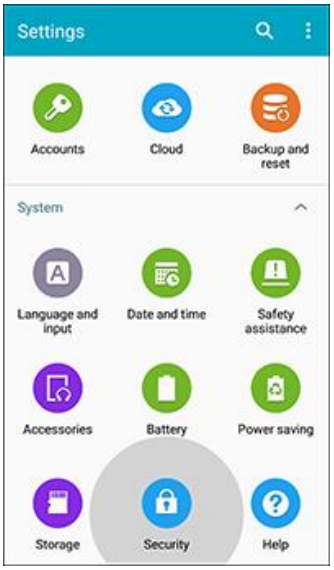


3. Enter a new password (at least eight characters without any spaces) for the credential storage, confirm the password, and then tap **OK**.

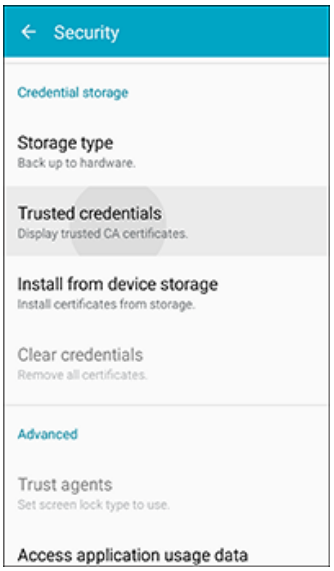


❖ The password is set, allowing secure credential storage.

4. Tap **Back** to return to the main settings menu, and then tap **Security**.



5. Tap **Trusted credentials**, and then tap your preferred system and user credentials.



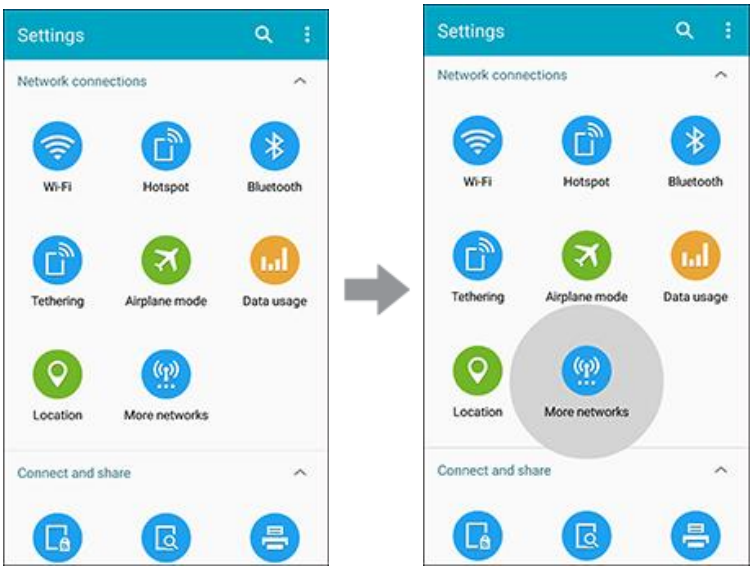
❖ Your secure credentials storage is set.

You can then download and install the certificates needed to access your local network. Your network administrator can tell you how to do this.

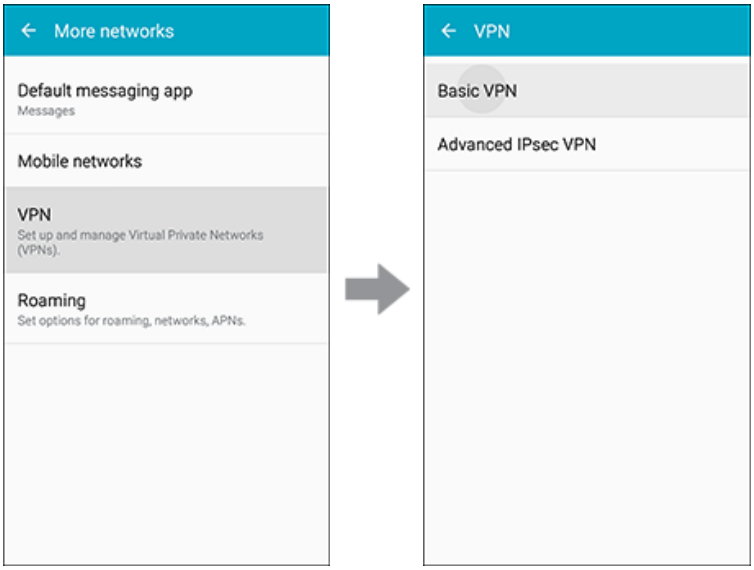
Add a VPN Connection

Use the More networks settings menu to add a VPN connection to your phone.

1. From home, tap **Apps** > **Settings** > **More networks**.

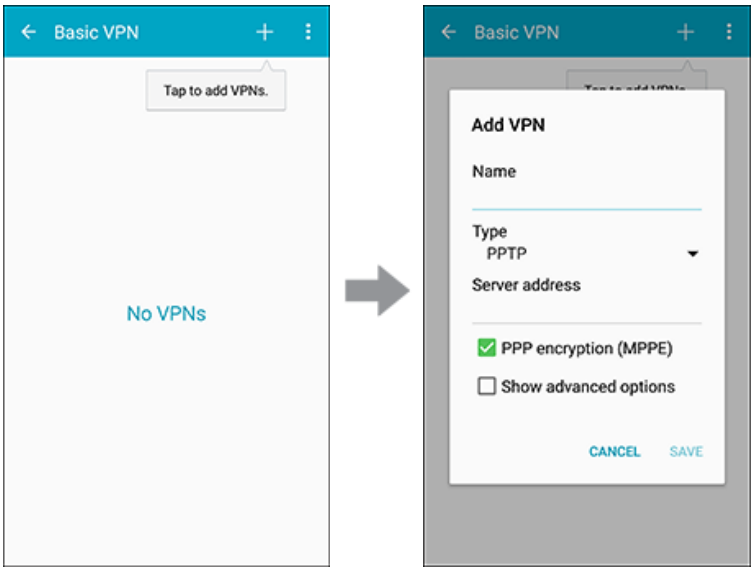


2. Tap **VPN** > **Basic VPN**.



❖ The Basic VPN settings window appears.

3. Tap **Tap to add VPNs** +, and then enter the information for the VPN you want to add.



- Information may include Name, Type, Server address, PPP encryption (MPPE), and advanced options.
- Set up all options according to the security details you have obtained from your network administrator.

4. Tap **Save**.

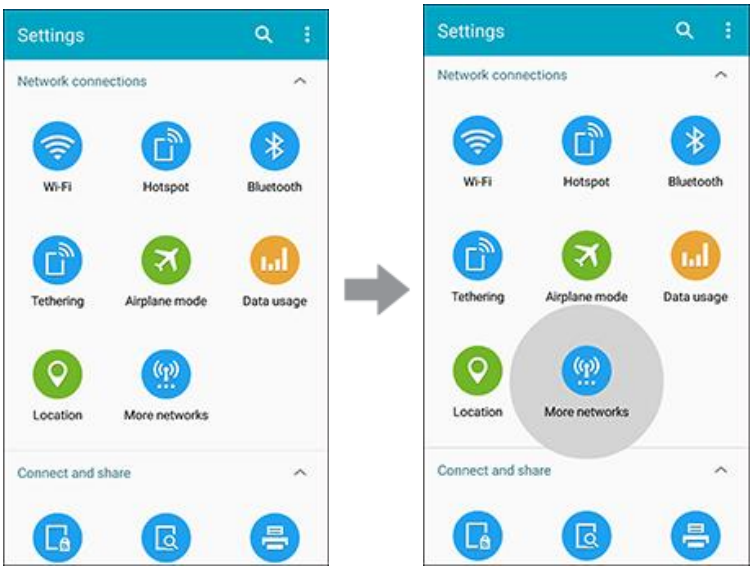
❖ Your VPN is added to the VPNs section of the VPN settings window.

Connect to or Disconnect from a VPN

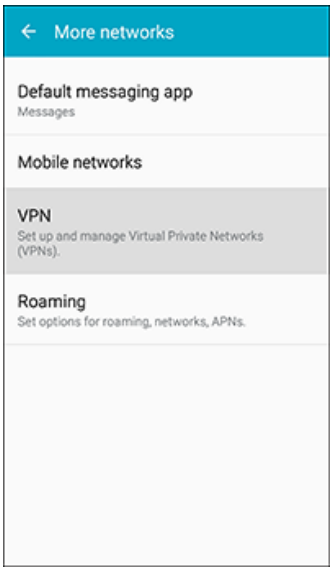
Once you have set up a VPN connection, connecting and disconnecting from the VPN is easy.

Access the VPN Settings Window

1. From home, tap **Apps** > **Settings** > **More networks**.



2. Tap **VPN**.

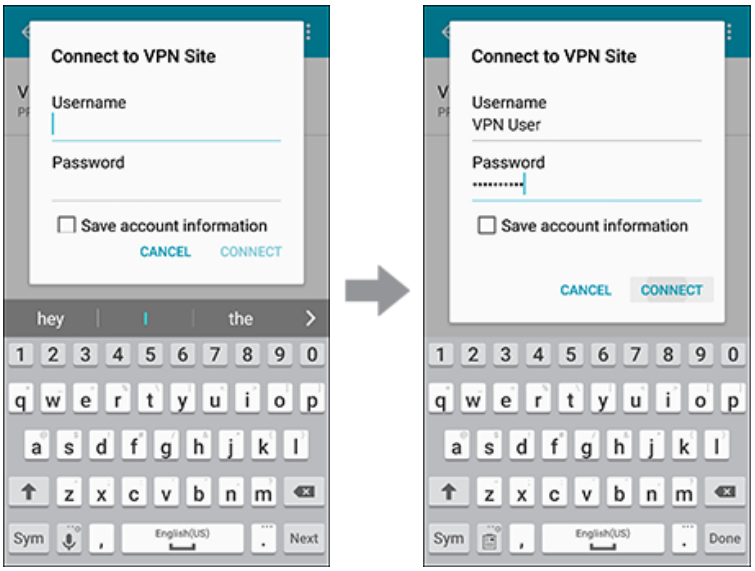


❖ The VPN settings window appears.

Connect to a VPN

1. From the VPNs section of the VPN setting window, tap the VPN that you want to connect to.

2. When prompted, enter your login credentials, and then tap **Connect**.

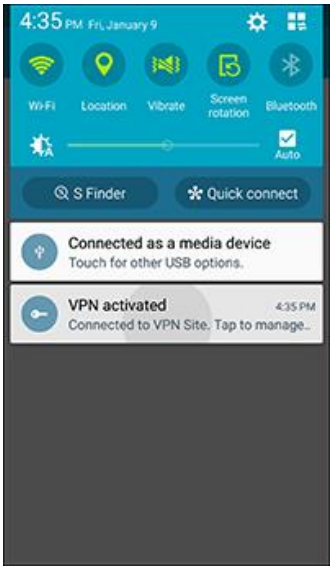


   - ❖ You will connect to the selected VPN.
   - ▪ When you are connected, a VPN connected icon appears in the notification area.

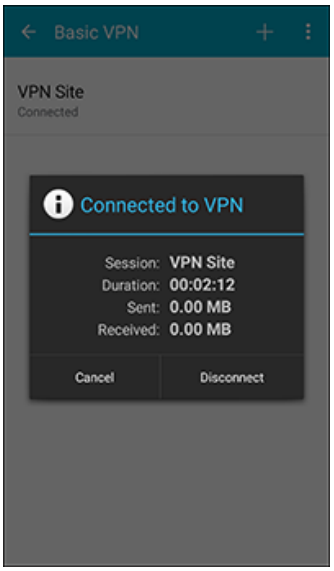
3. Open the Web browser to access resources such as intranet sites on your corporate network.

Disconnect from a VPN

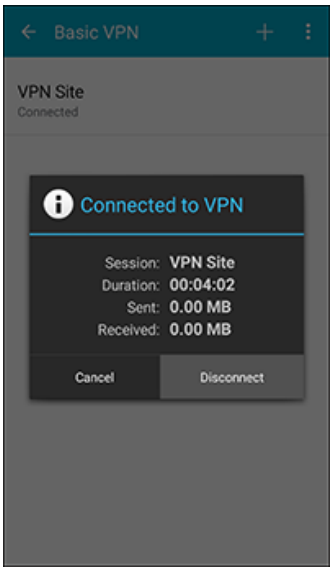
1. Drag the Status bar down to open the Notification panel.



2. Tap the VPN connection to return to the VPN settings window.



3. Tap the VPN connection to disconnect from it.



❖ Your phone disconnects from the VPN.

- When your phone has disconnected from the VPN, you will see a VPN disconnected icon in the notification area of the Status bar.

NFC Settings

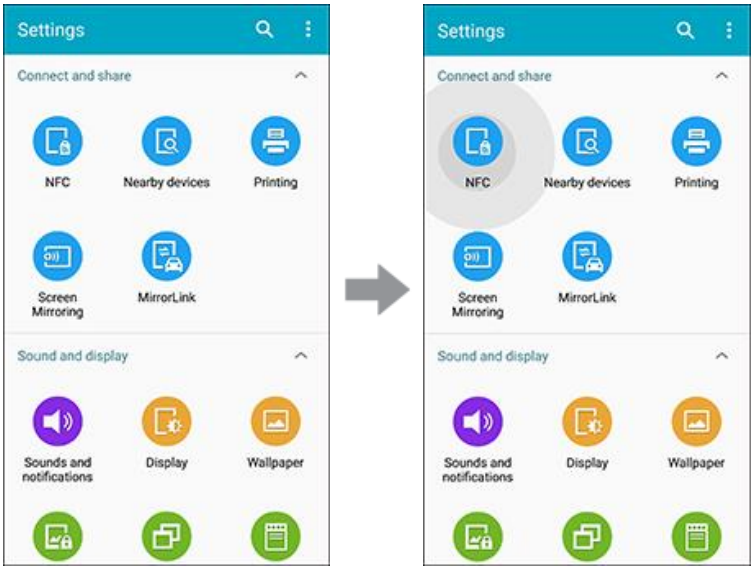
Use NFC (Near Field Communication) to share information between your device and another NFC device by touching the devices together, typically back-to-back.

NFC is used with S Beam and Android Beam, and must be turned on to use these features.

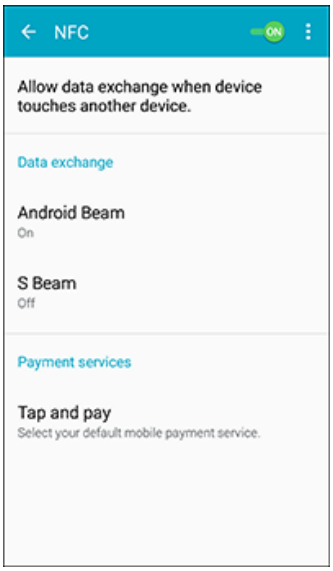
Turn NFC On or Off

Use NFC (Near Field Communication) to share information between your device and another NFC-capable device or NFC tag, by touching the devices together, typically back-to-back. For example, you can beam web pages from the browser, contacts from Contacts, and videos from YouTube. The app determines what is beamed.

1. From home, tap **Apps** > **Settings** > **NFC**.



2. Tap the **ON/OFF** switch beside **NFC** to turn NFC on.



❖ NFC is enabled.

Android Beam Settings

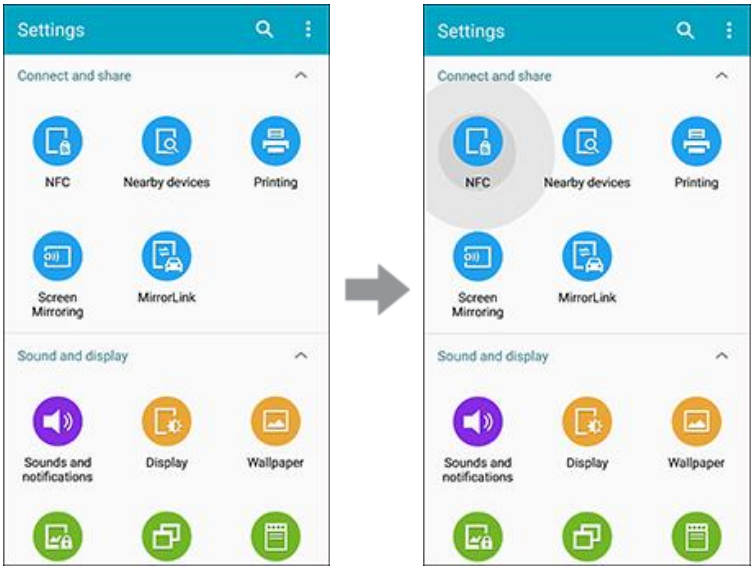
With Android beam, you can transmit app content via NFC to other NFC devices that support Android Beam.

Android Beam uses NFC, so NFC must be turned on before you can turn on Android Beam.

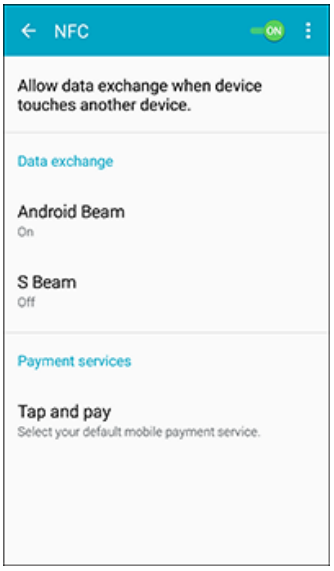
Turn Android Beam On or Off

Turn on NFC and Android Beam so that beaming is available from the apps on your phone.

1. From home, tap **Apps** > **Settings** > **NFC**.

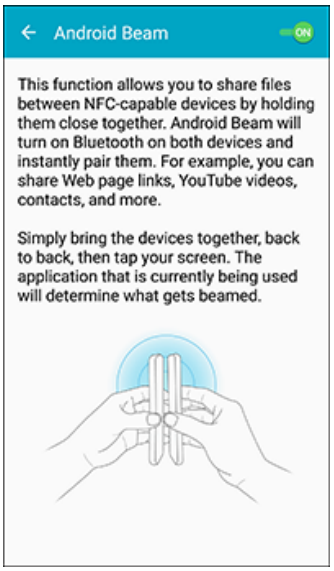


2. Tap the **ON/OFF** switch to turn NFC on.



❖ NFC is enabled.

3. Tap **Android Beam** and then tap the **ON/OFF** switch to turn Android Beam on or off.


Android Beam
ON
This function allows you to share files between NFC-capable devices by holding them close together. Android Beam will turn on Bluetooth on both devices and instantly pair them. For example, you can share Web page links, YouTube videos, contacts, and more.
Simply bring the devices together, back to back, then tap your screen. The application that is currently being used will determine what gets beamed.

❖ Android Beam is enabled.

S Beam Settings

Share more and share it faster with S Beam. From photos to documents, large video files to maps, you can share almost anything instantly with one touch, simply by placing your devices back-to-back.

S Beam uses your device's NFC (Near Field Communication) feature to send, or "beam," content to other NFC devices.

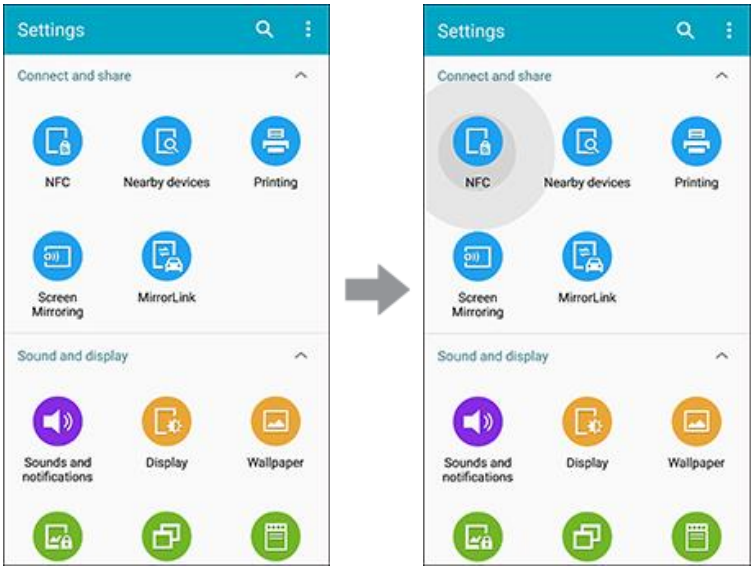
S Beam works in the background. Use the sharing options from your favorite apps to select content to share via S Beam. For example, you can beam pictures or videos from Gallery, or songs from Music player. Just bring the devices together (typically back to back), and then tap the screen.

Note: You must have both NFC and S Beam turned on to use S Beam to share information.

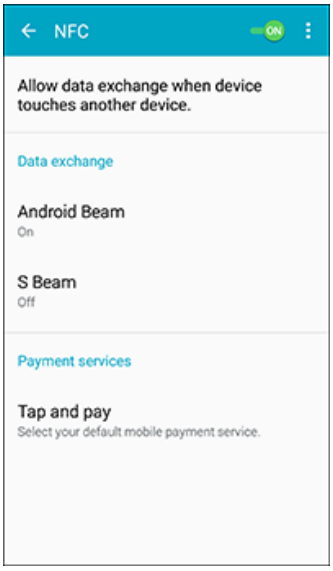
Turn S Beam On or Off

When S Beam is turned on, you can send or receive data by touching your device to another NFC-capable device.

1. From home, tap **Apps** > **Settings** > **NFC**.



2. Tap the **ON/OFF** switch to turn NFC on.



❖ NFC is enabled.

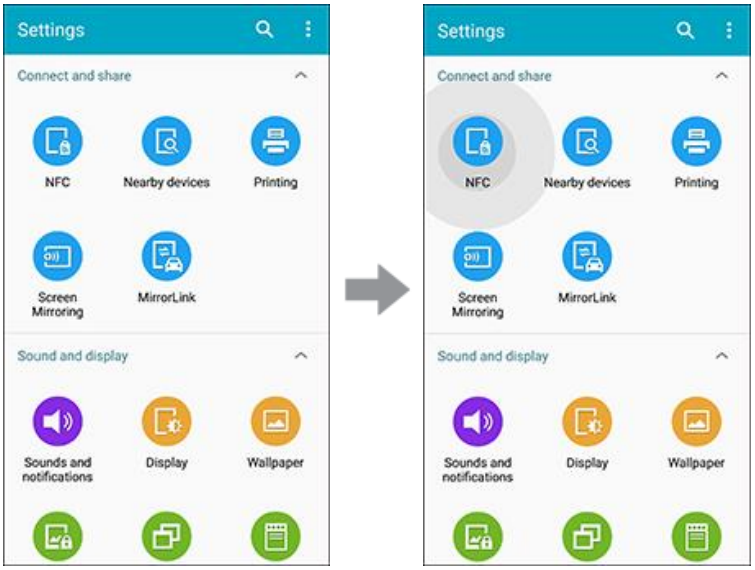
3. Tap **S Beam**, and then tap the **ON/OFF** switch turn S Beam on or off.

S Beam
ON
This function allows you to share files between NFC-capable devices by holding them close together. S Beam will turn on Wi-Fi Direct on both devices and instantly connect them. For example, you can share images or video files from Gallery, notes, documents, and more.
Simply bring the devices together, back to back, then tap your screen. The application that is currently being used will determine what gets beamed.

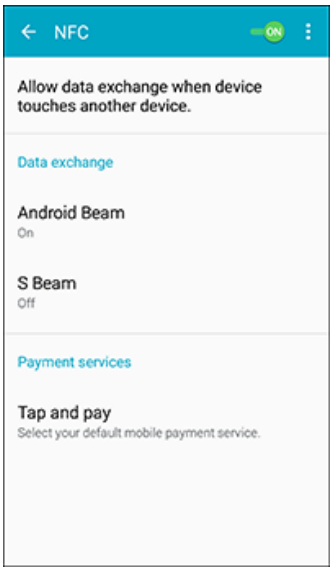
Tap and Pay

With your phone and a payment app, you can use your device to pay for items by tapping it to an item at the point-of-purchase. Google Wallet is an example of a payment app. You must have the payment app set up on your phone to use it with Tap and Pay.

1. From home, tap **Apps** > **Settings** > **NFC**.



2. Tap the **ON/OFF** switch to turn NFC on.



❖ NFC is enabled.

3. Tap **Tap and Pay** to access Tap and Pay settings. Available settings depend on the payment app(s) you have set up on your phone.

Nearby Devices

Share files with devices that support sharing over Wi-Fi.

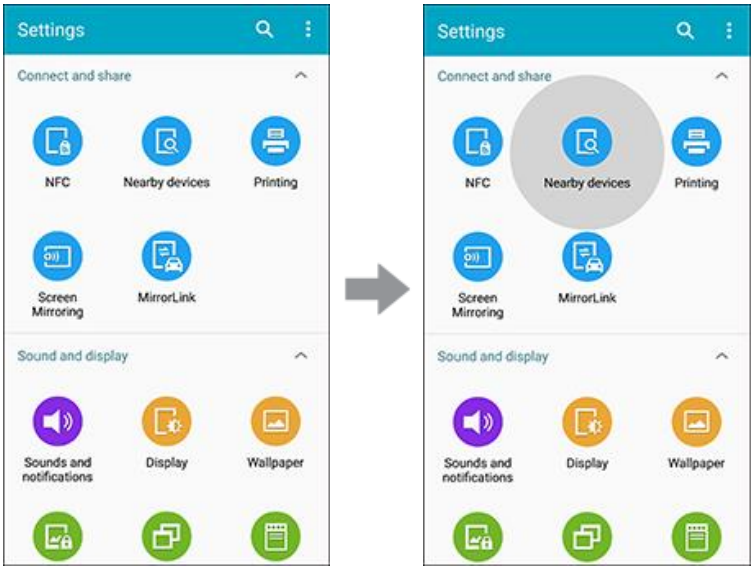
To use Nearby devices, you must connect to the same Wi-Fi network as the devices you wish to share with. From an app, look for the Nearby devices sharing options.

Note: Use care when enabling file sharing. When enabled, other devices can access data on your device.

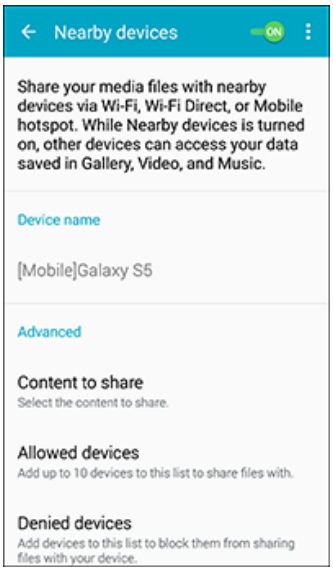
Turn Sharing via Nearby Devices on or off

To use sharing with nearby devices, you must have the option turned on.

1. From home, tap **Apps** > **Settings** > **Nearby devices**.



2. Tap the **ON/OFF** switch to turn Nearby devices on or off.


Nearby devices
ON
Share your media files with nearby devices via Wi-Fi, Wi-Fi Direct, or Mobile hotspot. While Nearby devices is turned on, other devices can access your data saved in Gallery, Video, and Music.
Device name
[Mobile]Galaxy S5
Advanced
Content to share
Select the content to share.
Allowed devices
Add up to 10 devices to this list to share files with.
Denied devices
Add devices to this list to block them from sharing files with your device.

❖ The Nearby devices feature is enabled.

Nearby devices must be turned on to configure options. Under **Advanced**, configure options to control how content is shared from your device:

- **Content to share**: Choose the type of content to share, from Videos, Photos, or Music.
- **Allowed devices**: View and manage a list of devices allowed to connect to your device.
- **Denied devices**: View and manage a list of devices restricted from connecting to your device.
- **Download to**: Choose a location to save downloaded content, from USB storage (device memory) or optional installed SD card (not included).
- **Receive files from other devices**: Choose how to handle incoming files from other devices, from Always accept, Always ask, or Always reject.

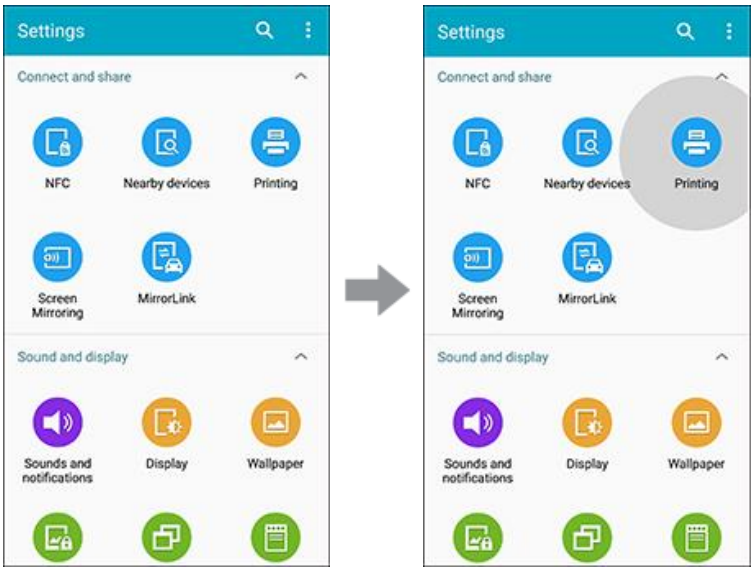
Printing

You can print from your phone, via Wi-Fi, to an optional compatible printer (not included). Your phone and the optional printer must be connected to the same Wi-Fi network.

Add and Set Up a Printer

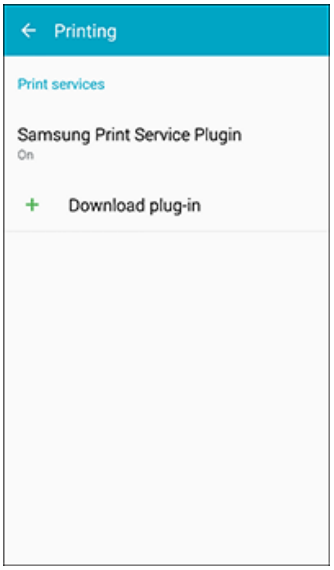
Before you can print to a printer, you must add and set it up on your phone. You'll need to know the IP address of the printer; consult the printer's documentation for this information.

1. From home, tap **Apps** > **Settings** > **Printing**.



   ❖ The Printing settings screen displays.

2. From the Printing settings screen, tap a plugin to search for printers.



3. Follow the prompts to download and install a print driver from the Google Play Store.
4. Choose a print service from the list, and then tap the **ON/OFF** switch to turn the service on or off. The service must be on to add a printer.
5. Tap **More options** > **Add printer** > , and then enter a name and the IP address of the printer.

Set Up a Printer

Add a printer to a print service and configure settings.

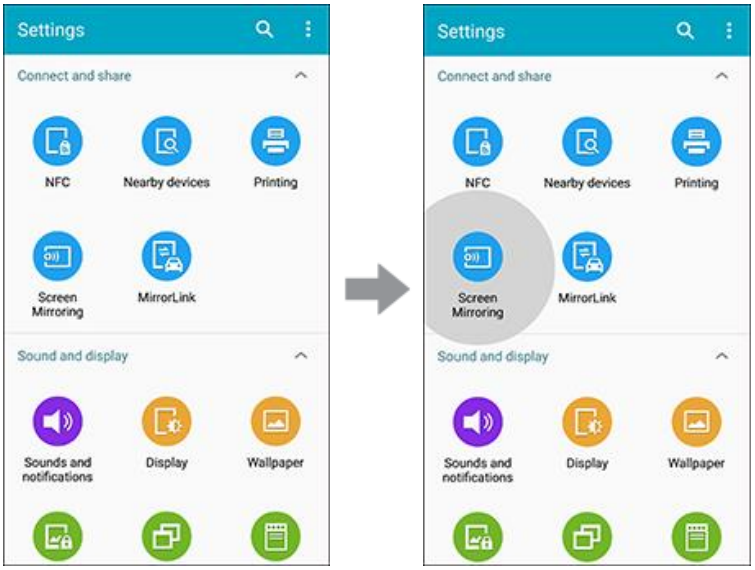
Note: Below settings are examples only. Available settings will differ depending on the type of print service and printer you are using.

1. From the Printing settings screen, select a print service from the list
2. Tap the **ON/OFF** switch to turn the service on. The service must be on to add a printer.
3. Tap **More options** > **Add printer** and follow the prompts to add a printer.
4. Tap **More options** > **Printer settings** to configure printer options. Available options may vary depending on the type of printer, and not all printers support all options.

Screen Mirroring

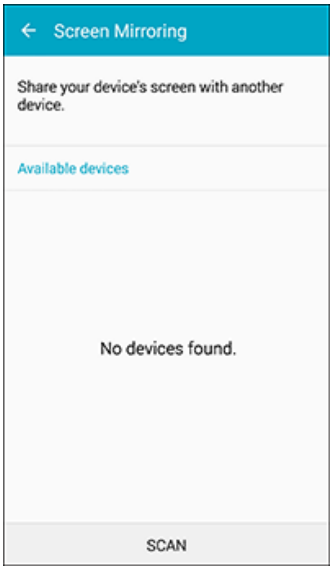
With Screen mirroring, you can share your device's screen with another device, using an optional AllShare Cast accessory (not included).

1. From home, tap **Apps** > **Settings** > **Screen Mirroring**.



❖ The Screen Mirroring page displays.

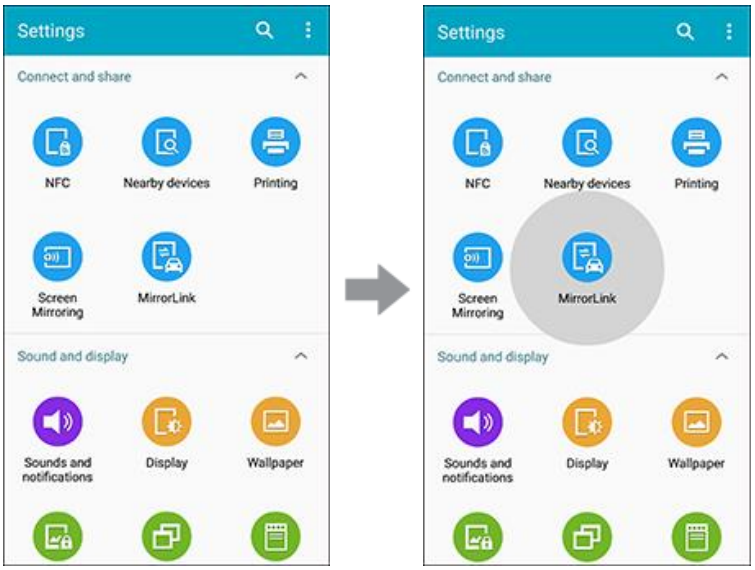
2. From the Screen Mirroring settings page, tap a compatible device, if one is found. Tap **SCAN** to search for compatible devices nearby.



MirrorLink

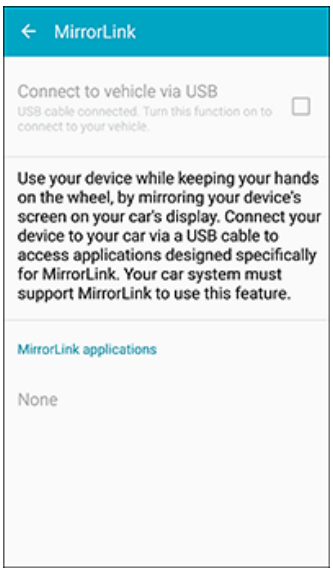
With MirrorLink, you can share your device's screen with a car display that supports MirrorLink.

1. From home, tap **Apps** > **Settings** > **MirrorLink**.



   ❖ The MirrorLink page displays.

2. Connect a USB cable from the phone to a compatible car device.
3. From the MirrorLink settings page, tap a compatible device, if one is found.


MirrorLink
Connect to vehicle via USB
USB cable connected. Turn this function on to connect to your vehicle.
Use your device while keeping your hands on the wheel, by mirroring your device's screen on your car's display. Connect your device to your car via a USB cable to access applications designed specifically for MirrorLink. Your car system must support MirrorLink to use this feature.
MirrorLink applications
None

Sounds and Notifications Settings

The Sound settings menu lets you control your phone's audio, from ringtones and alerts to tap tones and notifications.

Sound Settings Overview

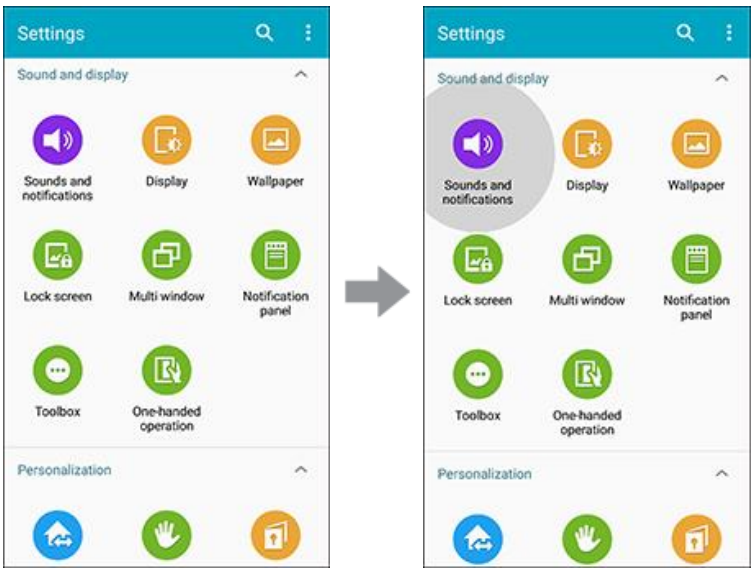
The sound settings menu allows you to configure the following options:

Sound Setting	Description
Sound	Set volume for: ● Ringtone ● Media ● Notifications ● System
Sound mode	Set your phone to use sound or to vibrate for incoming calls and notifications.
Vibration intensity	Set the level for vibration to accompany ringtones, notifications, and feedback for your screen touches, also known as haptic feedback.
Vibrate when ringing	Enable a vibration for calls and notifications along with the ringtone or sound. You can use the Vibration intensity and Vibrations settings to customize the vibration.
Interruptions	Set which calls and notifications are priorities and are allowed to interrupt you using your phone. Alarms and personal reminders are always considered priority interruptions.
Ringtones	Choose a ringtone for incoming calls.
Vibrations	Choose vibrations to play for notifications, such as for incoming calls, new messages, and event reminders.
Notification ringtone	Choose a sound for notifications, such as for new messages and event reminders.

Sound Setting	Description
Other sounds	● **Dialing keypad tone**: Play tones when you tap keys on the Phone keypad. ● **Screen lock sound**: Play tones when you touch the screen to lock or unlock it. ● **Touch sounds**: Play tones when you tap or touch the screen to make selections. ● **Haptic feedback**: Set the phone to vibrate when you tap the Recent Apps key and Back keys, and for certain screen touches. ● **Emergency tone**: Play a tone or have your phone vibrate, periodically during an emergency call. ● **Sound when tapped**: Play a tone when tapping the Samsung keyboard. ● **Vibrate when tapped**: Set the phone to vibrate when tapping the Samsung keyboard. ● **Call**: Set sounds for calling. ● **Messages**: Set sounds for messaging. ● **Email**: Set sounds for email. ● **Calendar**: Set sounds for the calendar.
While locked	Display all content, hide sensitive content, or do not display notifications when the screen is locked.
Application notifications	Set notifications sounds for your applications (if supported).

Access Sound Settings

1. From home, tap **Apps** > **Settings** > **Sounds and notifications**.



2. Drag the sliders to set the default volume for:
   - **Ringtone**
   - **Media**
   - **Notifications**
   - **System**
3. Set other options as needed.

   ❖ Your sound settings are saved and applied.

Display Settings

Adjusting your phone's display settings not only helps you see what you want, it can also help increase battery life.

Display Settings Overview

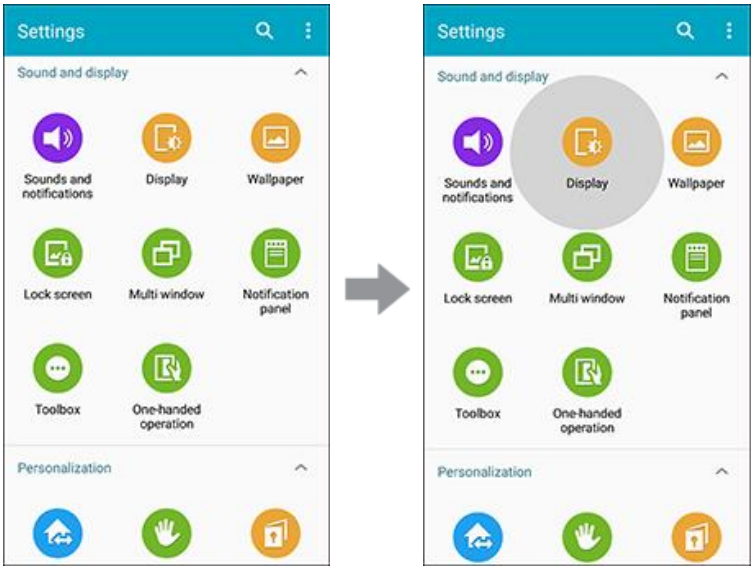
The Display settings menu allows you to configure the following options:

Display Setting	Description
Brightness	Adjust the screen brightness to suit your surroundings or to your personal preference. You may also want to adjust screen brightness to conserve battery power.
Font	Set the font style and size for all text that displays on the screen.
Screen rotation	The screen automatically updates when you rotate the phone. You can also choose to enable Smart rotation to have your phone use the front camera to check the orientation of your face to the screen and adjust the screen automatically.
Smart stay	Your phone uses the front camera to detect your face and will not time out as long as you are facing the screen.
Screen timeout	Choose how long the display screen remains lit after you touch the screen or press any key.
Screen mode	Automatically adapt the display depending on the type of image being displayed to save power.
Auto adjust screen tone	Set your phone to analyze the images displayed on the screen and automatically adjusts the brightness to conserve battery power.
Daydream	The Daydream setting controls what the screen displays when the phone is docked or while charging. You can choose to display colors, or display photos stored on your phone.

Display Setting	Description
LED indicator settings	The LED indicator on the front of the device notifies you of status changes and events displays when the device is locked. • **Charging**: The LED glows red during charging, and green when the battery is fully charged. • **Low battery**: The LED blinks red to indicate low battery charge. • **Notifications**: The LED glows blue to show that you have missed calls, new messages, or application events. • **Voice recording**: The LED blinks blue when recording with the screen turned off.
Touch key light duration	Set the length of time the Recent Apps key and Back key remain lit after you touch them.
Increase touch sensitivity	The sensitivity of the touch screen is increased to improve results when using an optional touch pen (not included) or when wearing gloves.

Access Display Settings

1. From home, tap **Apps** > **Settings** > **Display**.



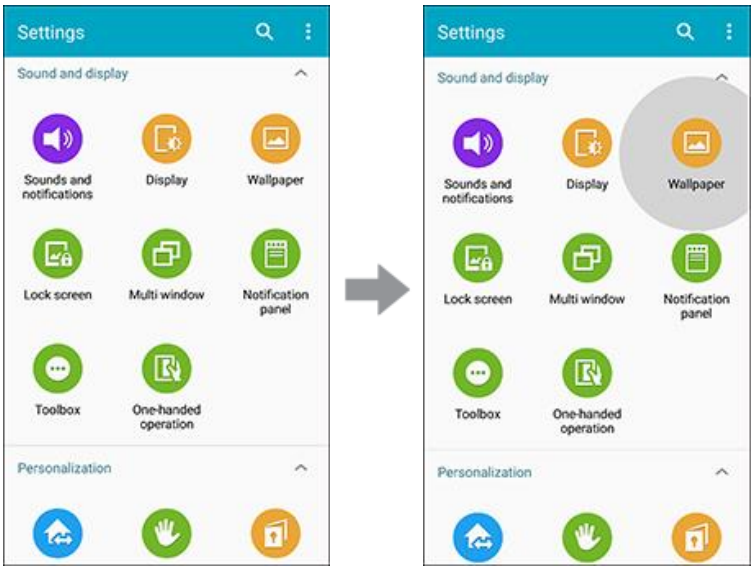
2. Set your display options.

   ❖ Your display settings are saved and applied.

Wallpaper Settings

Change the wallpaper for Home and Lock screens.

1. From home, tap **Apps** > **Settings** > **Wallpaper**.



2. Tap the screen or screens that you want to change (**Home screen**, **Lock screen**, or **Home and lock screen**).

3. Tap an image to select it, and then tap **SET AS WALLPAPER** to set the image as the wallpaper.

   ❖ The wallpaper is changed for the screen option selected.

Lock Screen Settings

The Lock screen settings let you set your method for unlocking your phone, customize Lock screen options, determine whether to show tips for unlocking the phone, and enter your owner information to be displayed on the Lock screen.

Screen Lock

You can increase the security of your phone by creating a screen lock. When enabled, you have to draw the correct unlock pattern on the screen, enter the correct PIN, or enter the correct password to unlock the phone's control keys, buttons, and touchscreen.

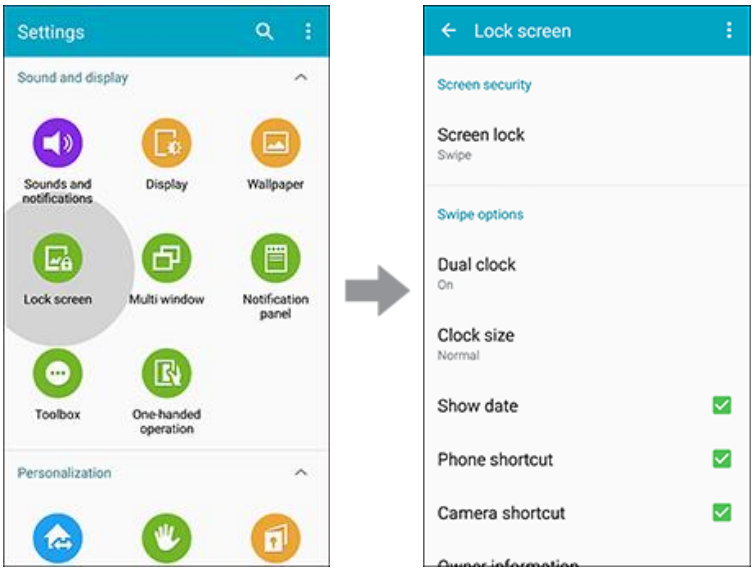
In order from least secure to most secure, the available screen lock options are:

- None
- Swipe
- Pattern
- PIN
- Password

Important: To protect your phone and data from unauthorized access, it is recommended that you use the highest security level available (Password protection). It is also recommended you frequently change your password to ensure the safety of your phone and personal data.

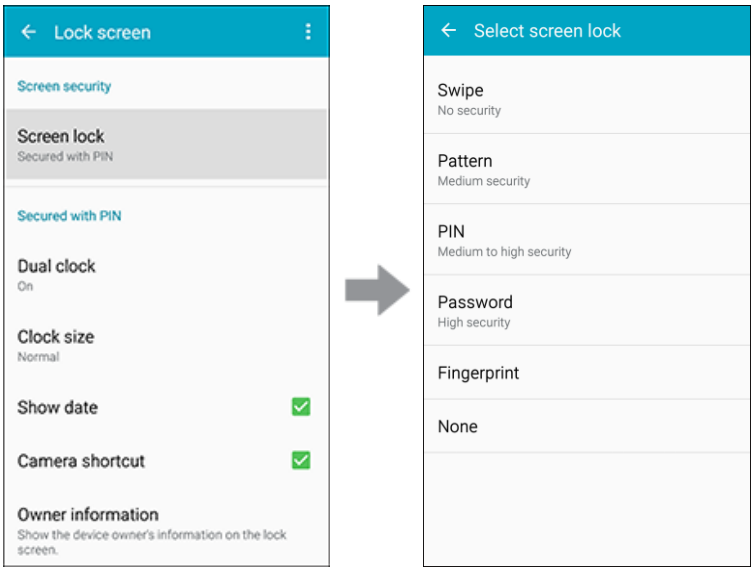
Access Screen Lock Settings

1. From home, tap **Apps** > **Settings** > **Lock screen**.



❖ The Lock screen settings menu opens.

2. Tap **Screen lock**.



❖ The Screen lock settings menu opens.

Use Swipe to Unlock the Screen

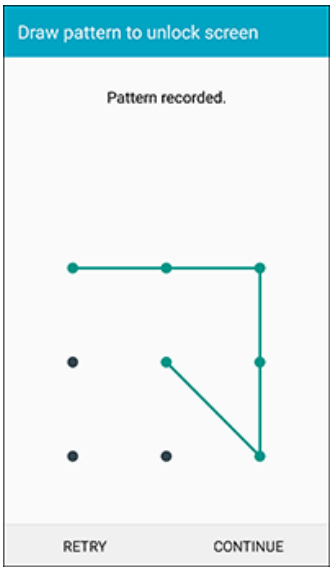
■ From the Screen lock settings menu, tap **Swipe** to implement the setting.

❖ The screen lock is set.

Use a Screen Unlock Pattern

1. From the Screen lock settings menu, tap **Pattern**.

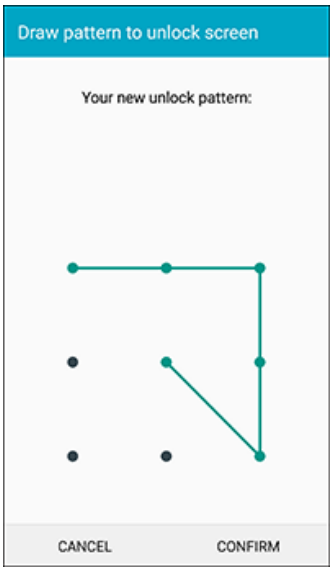
2. Draw the screen unlock pattern by connecting at least four dots in a vertical, horizontal, or diagonal direction. Lift your finger from the screen when finished.



   ❖ The phone records the pattern.

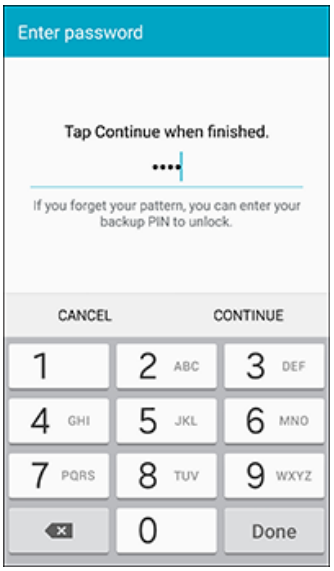
3. Tap **CONTINUE**.

4. When prompted, draw the screen unlock pattern again, and then tap **CONFIRM**.



   ❖ The screen unlock pattern is saved.

5. Enter a backup PIN, tap **Continue**, re-enter the PIN, and tap **OK** to save your screen unlock pattern.



   ❖ The screen lock is set.

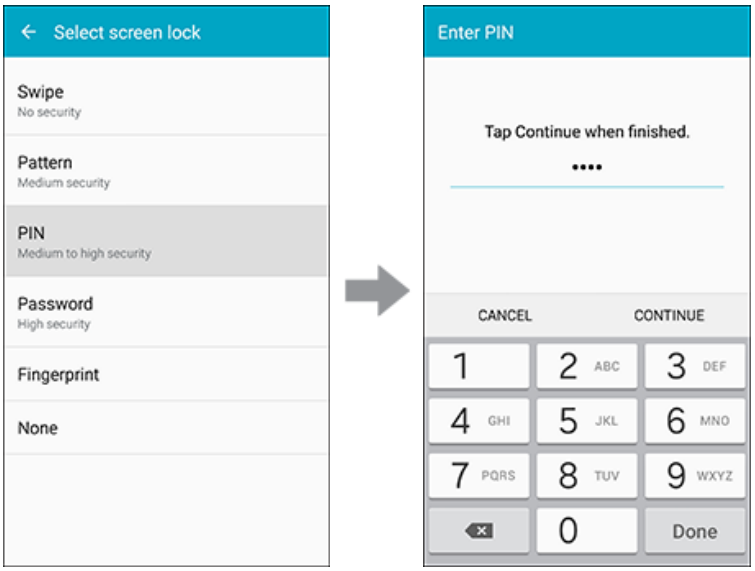
   - If you fail to draw the correct unlock pattern on the screen after five attempts, you will be prompted to wait for 30 seconds before you can try again.

Note: Clear the **Make pattern visible** check box if you do not want the unlock pattern to display on the screen when you unlock it.

Note: To change your unlock screen pattern, from home, tap **Apps** > **Settings** > **Lock Screen** > **Screen lock**.

Use a Screen Unlock PIN

1. From the Screen lock settings menu, tap **PIN**.



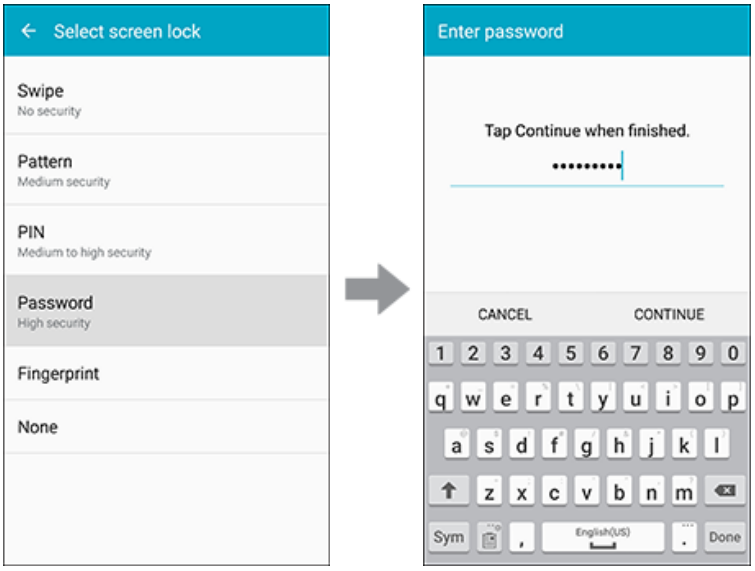
2. Enter a PIN, tap **CONTINUE**, re-enter your PIN, and tap **OK** to save the setting.

   ❖ The screen lock is set

   - If you fail to enter the correct PIN after five attempts, you will be prompted to wait for 30 seconds before you can try again.

Use a Screen Unlock Password

1. From the Screen lock settings menu, tap **Password**.



2. Enter a password, tap **CONTINUE**, and then enter your password again to confirm it.

   ❖ The screen lock is set.

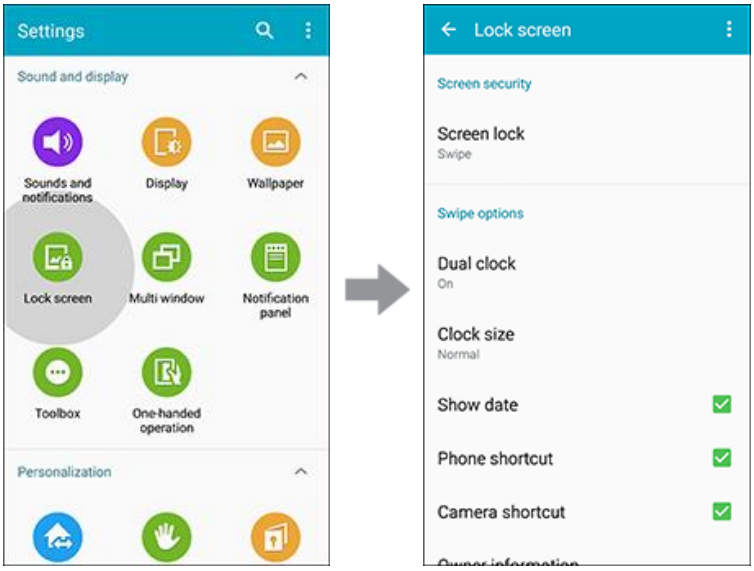
   - If you fail to enter the correct password after five attempts, you will be prompted to wait for 30 seconds before you can try again.

Important: To protect your phone and data from unauthorized access, it is recommended that you use the screen unlock password (highest security). It is also recommended that you frequently change your password to ensure the safety of your phone and personal data.

Disable the Screen Lock

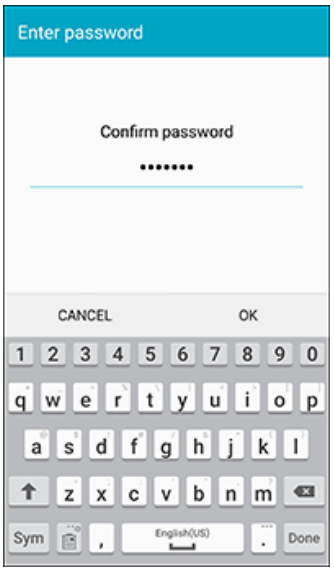
Follow the instructions below to turn off your current screen lock.

1. From home, tap **Apps** > **Settings** > **Lock screen**.



   ❖ The Lock screen settings menu opens.

2. Tap **Screen lock**.



3. Draw your unlock screen pattern, enter your PIN, or enter your password.

4. Tap **None**.

❖ The screen lock is disabled.

Lock Screen Options

There are several configurable options available in the Lock screen settings menu.

Lock Screen Options Overview

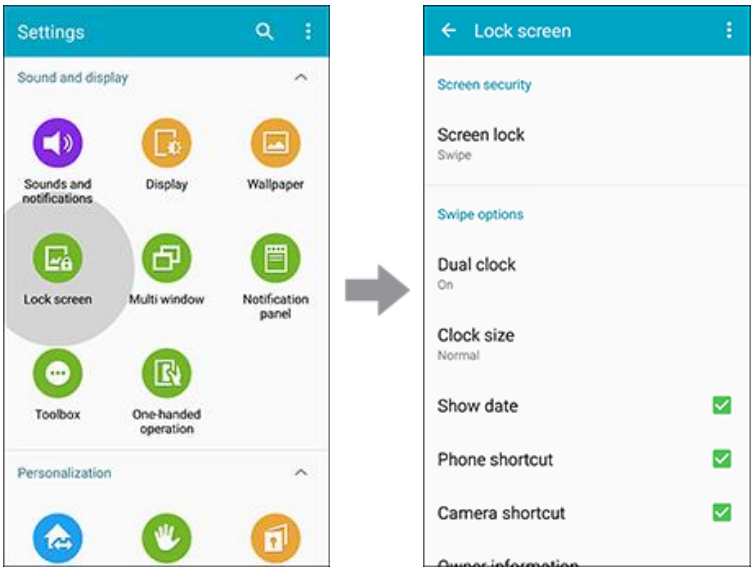
The following options are available in the Lock screen settings menu (options vary depending on the screen lock selected):

Lock Screen Setting	Description
Additional information	Display weather information and your step count (while using S Health) on the Lock screen.
Camera shortcut	Display a shortcut to the camera app for taking pictures without unlocking the screen.
Clock size	Set the size of the clock on the Lock screen.
Dual clock	Show both local and home time zones when roaming.
Help text	Show help text on the Lock screen.
Lock automatically	Screen will be locked in 5 seconds after the screen automatically turns off.
Lock instantly with power key	Lock the screen whenever you press the Power/Lock Key.

Lock Screen Setting	Description
Make pattern visible	Display the pattern as you draw it.
Owner information	Show your information on the Lock screen.
Phone shortcut	Display a shortcut to the phone app for placing calls without unlocking the screen.
Screen lock	Set your screen lock.
Show date	Display the date on the Lock screen.
Unlock effect	Set the effect shown when the Lock screen wakes up.
Unlock effect	Set the visual effect displayed when unlocking the screen.

Access Lock Screen Options

- From home, tap **Apps** > **Settings** > **Lock screen**.



  - The Lock screen settings menu opens.

Multi Window Settings

Multi window allows you to use two apps on the same screen, in separate, resizable windows. For more information, see Multi Window.

After you turn on Multi window in Settings, you can control whether the Multi window tab displays on the screen by touching and holding **Back**.

1. From home, tap **Apps** > **Settings** > **Multi window**.

2. Tap the **ON/OFF** switch beside **Multi window** to enable or disable the option.

Multi window
ON
Open in Multi window view
Open content in Multi window view automatically when an application is open in full screen view. Applications must support Multi window.

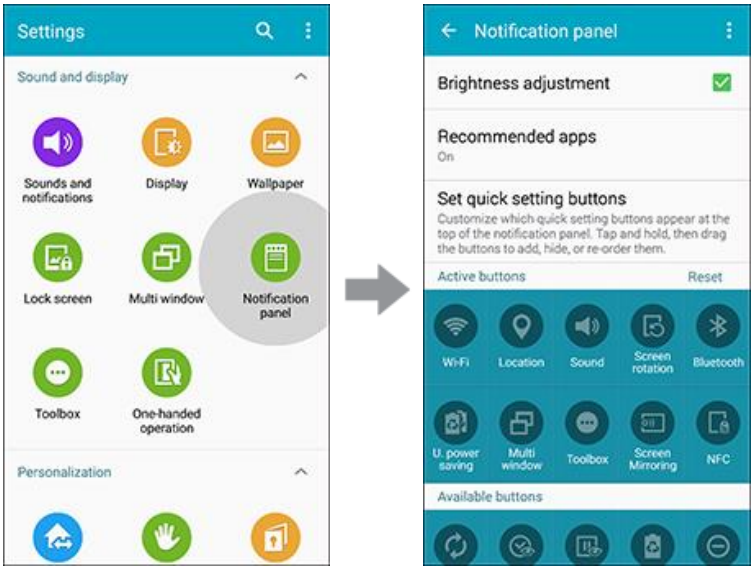
   - Tap the check box beside **Open in multi window view** to display content in Multi window automatically, when you open files from My Files or Video, or attachments from emails and messages.

Notification Panel Settings

Configure options for the Notification panel, available when you swipe your finger down from Status bar at the top of the screen.

At the top of the Notification panel, you can control settings with the Quick settings. Choose the quick settings to display in Notification panel settings.

- From home, tap **Apps** > **Settings** > **Notification panel**.



  - The Notification panel settings page opens.

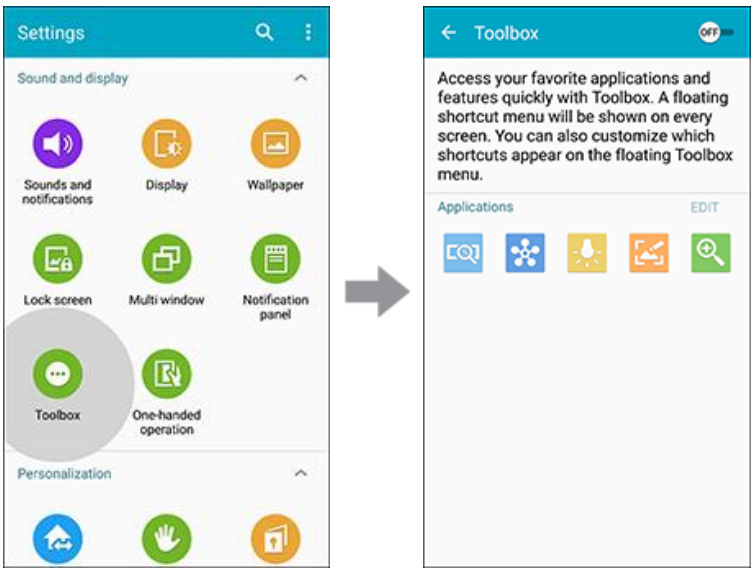
You can configure the following settings:

- **Brightness adjustment**: Tap the check box to display a slider for adjusting the screen brightness on the notification panel.
- **Recommended apps**: When on, your phone will display a selection of app icons on the Notification panel, according to your actions. For example, when you connect a headset, Music and other entertainment apps will display. Tap the **ON/OFF** switch to turn the option on, and then tap **Edit** to choose apps to display.
- **Set quick setting buttons**: Quick setting buttons display at the top of the Notification panel, to allow you to set favorite options quickly.
  - Tap buttons to add or hide the button from the Notification panel.
  - Touch and hold a button, and then drag it into a new position in the list.

Toolbox

Toolbox is a floating shortcut menu that displays on every screen, so you can access your favorite apps quickly. You can choose items to display in Toolbox, and you can drag the Toolbox anywhere on the screen.

- From home, tap **Apps** > **Settings** > **Toolbox**.



  - The Toolbox settings page opens.

You can configure the following settings:

- Tap the **ON/OFF** switch to turn Toolbox on or off. Toolbox must be turned on to configure settings.
- Tap **Edit** to choose up to five apps to display in Toolbox.

Use the Toolbox

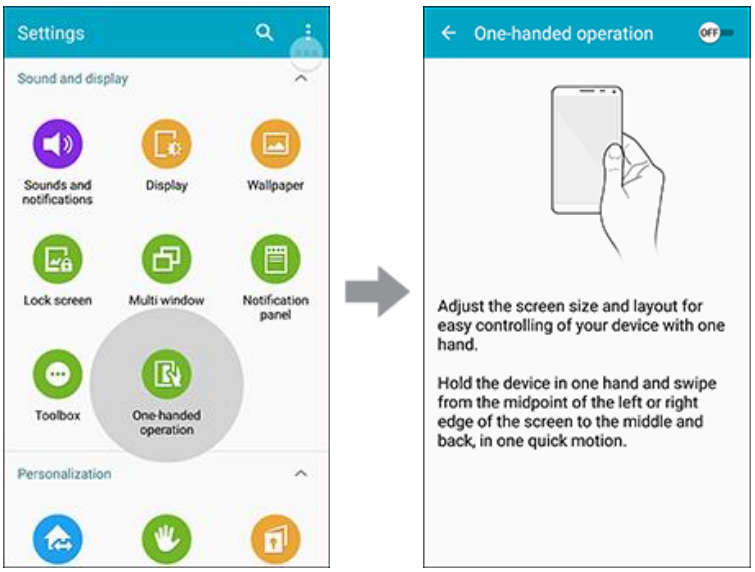
When Toolbox is turned on, you can use these options:

- To access a toolbox app, tap **Toolbox**, and then tap the app you want to run.
- To reposition Toolbox, touch and hold on **Toolbox**, and then drag it to another position on the screen.
- To turn Toolbox off, touch and hold on **Toolbox**, and then drag it to the **Remove**.
- To quickly access Toolbox settings, touch and hold on **Toolbox**, and then drag it to **Edit**.

One-handed Operation

When One-handed operation is turned on, you can swipe the edge of all screens to adjust the scale and position of the screen. This can be useful when using your phone with one hand – you can move the screen closer to your hand.

- From home, tap **Apps** > **Settings** > **One-handed operation**.


Settings
Sound and display
Sounds and notifications
Display
Wallpaper
Lock screen
Multi window
Notification panel
Toolbox
One-handed operation
Personalization
One-handed operation
OFF
Adjust the screen size and layout for easy controlling of your device with one hand.
Hold the device in one hand and swipe from the midpoint of the left or right edge of the screen to the middle and back, in one quick motion.

  - The One-handed operation page opens.

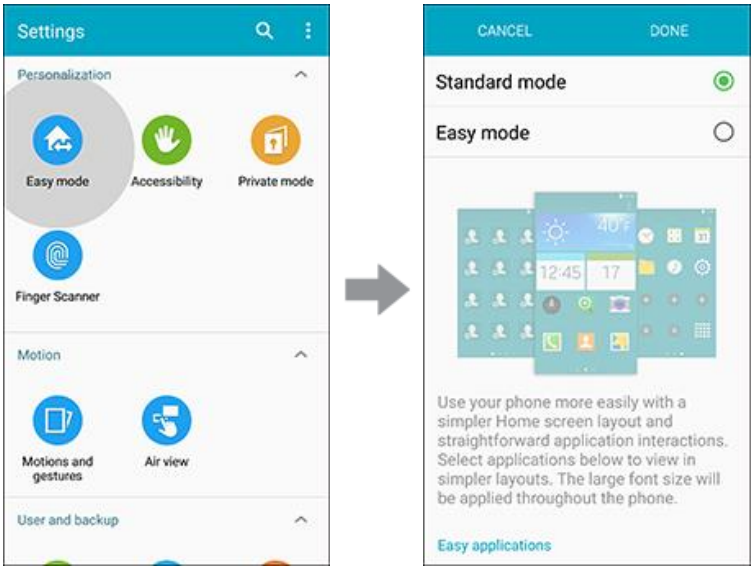
You can configure the following settings:

- Tap the **ON/OFF** switch beside **One-handed operation** to turn the option on or off.
- Follow the onscreen instructions to set up your screen. For easy right-hand access, swipe from the right side of the screen, to the middle, and then back to the right. For left-hand use, swipe from the left side, to the middle, and then back to the left.

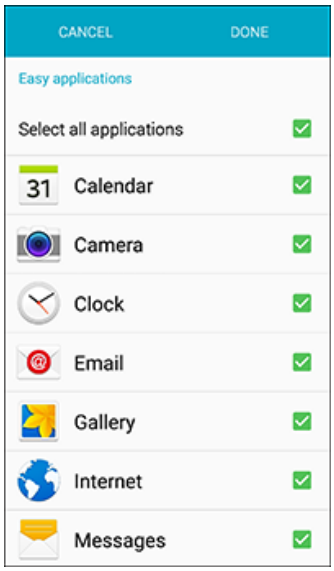
Easy Mode

Easy mode provides a simpler experience using your phone, with a simpler home screen layout and simpler app interactions. If you're a first-time smartphone user, or just to want to simplify the operation of your phone, you can turn on Easy mode at any time.

1. From home, tap **Apps** > **Settings** > **Easy Mode**.



2. Configure options:
   - Tap **Easy mode** to enable the option. Easy mode must be enabled to set other options.
   - **Easy applications**: Choose apps, to apply Easy mode to their operation.



3. Tap **DONE** to apply your Easy mode settings.
   - ❖ Easy mode is set.

Accessibility Settings

The Accessibility menu lets you enable and manage accessibility-related applications.

Accessibility Settings Overview

The following Accessibility options may be configured:

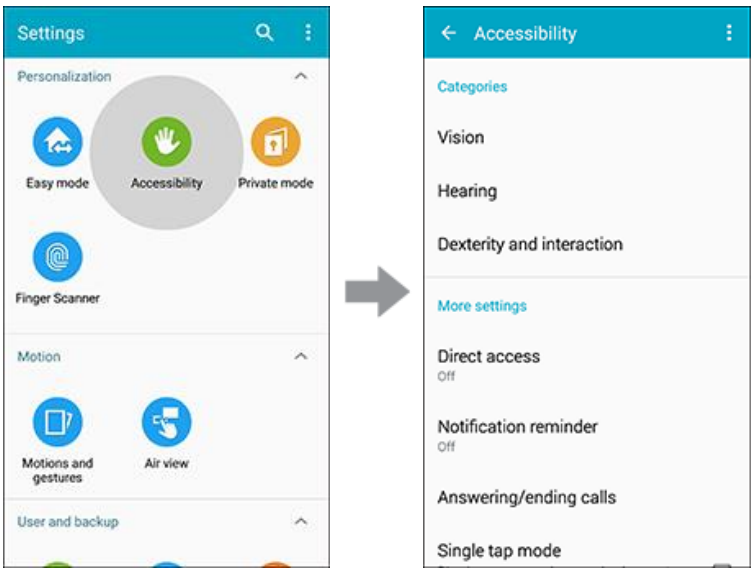
Accessibility Option	Description
Vision	• **Switch access**: Control your device using configurable key combinations. You can move focus to clickable items and select them. • **TalkBack**: TalkBack speaks descriptions of items you touch or activate on your phone, to help blind and low-vision users. When TalkBack is turned on, you may need to use a double-tap to select items, because a single tap is used to trigger TalkBack. • **Dark screen**: When TalkBack is on, you can enable Dark screen to keep your phone's screen turned off at all times. When Dark screen is enabled, double-press the **Power/Lock** key to turn it on or off while using your phone. • **Rapid key input**: When TalkBack is on, you can enable Rapid key input, to allow you to release your finger to enter a selection, instead of double-tapping it. By default, when you have TalkBack turned on, you must double-tap items on the screen to select them. If you turn on Rapid key input, you can tap and release your finger to select and item instead of double-tapping. • **Speak passwords**: When Explore by touch is turned on, you can enable Speak passwords to have your phone read out characters entered in password fields. **Note**: Use caution with this feature, because others near you will be able to hear your passwords. • **Font size**: Choose the size of text for your phone's screens. • **Magnification gestures**: Use special magnification gestures. • **Negative colors**: Screen colors are reversed. • **Color adjustment**: Adjust the color of the screen if you have difficulty reading the screen because of the color. • **Accessibility shortcut**: Quickly turn on accessibility features by performing a special gesture: • **Text-to-speech options**: Configure options for converting text to speech.

Accessibility Option	Description
Hearing	● **Flash notification**: Blink the Camera flash for notifications. ● **Turn off all sounds**: When enabled, every sound made by the phone during taps, selections, notifications, etc. is muted. ● **Hearing aids**: Improve the sound quality of your device for use with hearing aids. ● **Samsung subtitles (CC)**: When turned on, your phone displays Samsung subtitles where available. Tap the **ON/OFF** switch to turn the option on or off, and then tap **Samsung subtitles** to configure options. ● **Google subtitles (CC)**: When turned on, your phone displays Google subtitles where available. Tap the **ON/OFF** switch to turn the option on or off, and then tap **Google subtitles** to configure options like Language, Text size, and Caption style. ● **Sound balance**: Adjust the sound sent to the left and right when using earphones. ● **Mono audio**: Enable or disable the compression of stereo audio into a single mono audio stream for use with a single earphone. ● **Baby crying detector**: When turned on, your phone will vibrate when it detects a baby crying. ● **Auto haptic**: When enabled, your device automatically vibrates in response to the sounds of downloadable apps, such as games. Not all apps support this feature.

Accessibility Option	Description
Dexterity and interaction	● **Assistant menu**: Assistant menu can improve device accessibility by providing quick access to important functions. ● **Air wake up**: When turned on, you can move your hand over the screen to turn it on, if the phone is face up on a stable surface. Tap the **ON/OFF** switch to turn the option on or off. ● **Press and hold delay**: Choose how long your phone waits during a tap and hold gesture on the screen, before continuing with the tap and hold action. ● **Interaction control**: Control how your phone interprets motions and screen touches. To turn Interaction control on or off at any time, press and hold the **Home** key and the down **Volume** key at the same time. When Interaction control is on, you can use motions to control your phone, and screen timeout is turned on. You can also block areas of the screen from touch interaction. Automatic screen rotation and hard-key functions (**Power/Lock** key, **Volume** key, etc.) will be turned off, and app notifications will only be shown in the Notification panel and Status bar.
Direct access	Open your accessibility settings by pressing the Home key three times in quick succession.
Notification reminder	Set the phone to beep/vibrate at set intervals to remind you of any unread notifications from selected applications.
Answering/ending calls	Answer calls by pressing the Home Key, and end calls by pressing the Power/Lock Key.
Single tap mode	Dismiss or snooze alarms, calendar events, and timer alerts, and answer or reject incoming calls with a single tap.
Manage accessibility	Choose settings for exporting, updating, and sharing the accessibility settings as a file.
Services	Configure settings for additional accessibility services (if available).

Access Accessibility Options

1. From home, tap **Apps** > **Settings** > **Accessibility**.



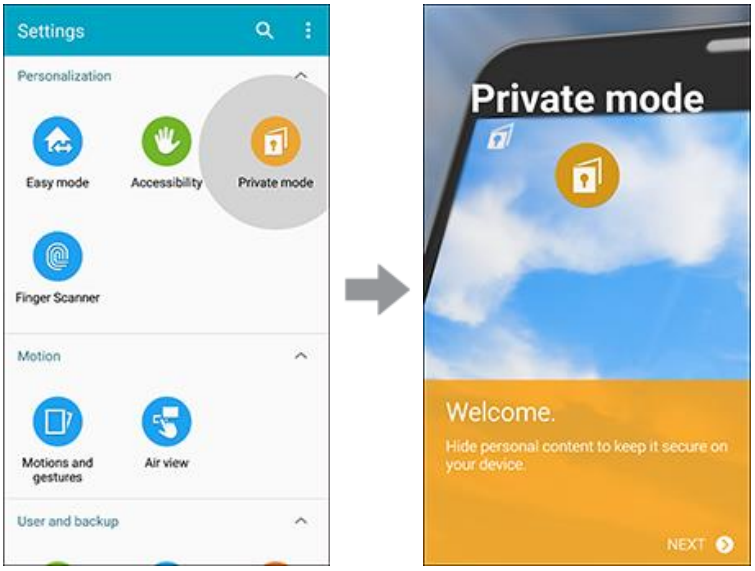
2. Set available accessibility options.

   ❖ Your accessibility settings are applied and saved.

Private Mode

Private mode secures your personal content and keeps it hidden on your device. Private mode is available for certain applications, including Gallery, Video, Music, Voice Recorder, and My files.

1. From home, tap **Apps** > **Settings** > **Private mode**.



   ❖ Private mode launches. Follow the prompts to set up this feature.

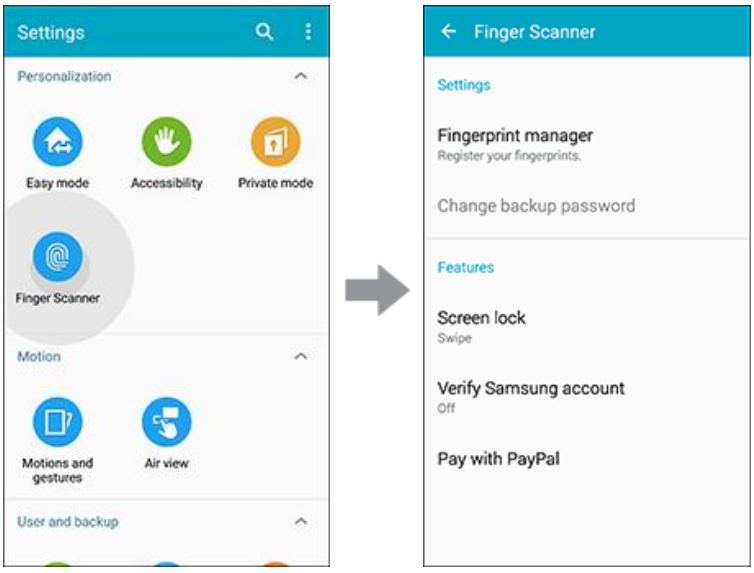
2. When you access Private mode the first time, you'll be prompted to set up a secure screen unlock, such as Pattern, PIN, Fingerprint, or Password.

   - To turn off Private mode, you can use the **ON/OFF** switch in Settings, or turn it off on the Notification panel.

Finger Scanner

You can use fingerprint recognition as an alternative to entering passwords.

1. From home, tap **Apps** > **Settings** > **Finger Scanner**.

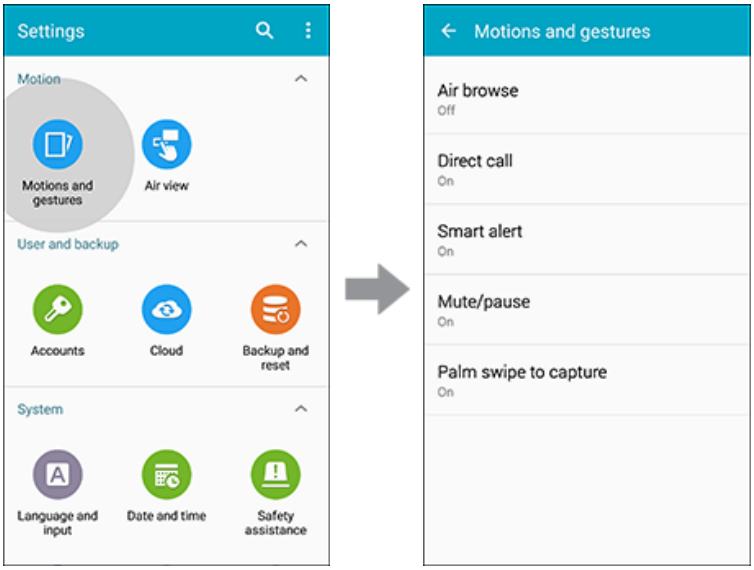


2. Tap the following options to configure Finger Scanner:
   - **Fingerprint manager**: Tap to register up to three fingerprint(s).
   - **Change alternative password**: Modify the password you set to back up your fingerprints.
   - **Screen lock**: Select a screen lock. For more information, see Screen Lock.
   - **Verify Samsung account**: You can choose to verify your identity using your fingerprints when logging in to your Samsung account. Tap the **ON/OFF** switch to turn the option on or off.
   - **Pay with PayPal**: Configure options to link your PayPal account to your device to make faster and more secure PayPal payments using any of your registered fingerprints. After linking your PayPal account, you have access to special offers from your favorite stores. If you do not have a PayPal account, you can sign up for one on your phone.
     - **FIDO Ready™ support**: FIDO Ready support must be installed before you can link your PayPal account. Tap **INSTALL**, and then follow the onscreen instructions to install the application.
     - **PayPal account**: After you install FIDO Ready support, tap **LINK** to link your PayPal account to your phone and fingerprint.

Motions and Gestures

The Motions and Gestures settings allow you to set up various activation services triggered by motions and the proximity sensor.

1. From home, tap **Apps** > **Settings** > **Motions and gestures**.



2. To turn a feature on or off, tap the feature name, and then tap the **ON/OFF** switch on its configuration page. The following options are available for each feature:

   - **Air browse**: When on, you can scroll between items like pictures, pages, or music tracks by moving your hand up and down, or left and right above the screen. Tap the **ON/OFF** switch to turn the feature on, and then configure options:
     - **Gallery**: When enabled, you can use air browse to move between pictures in Gallery.
     - **Music Player**: When enabled, you can use air browse to change music tracks on the Music screen.
     - **Music on lock screen**: When enabled, you can use air browse to change music tracks on the lock screen.
   - **Direct call**: When on, you can lift the device to your ear while viewing a contact to call the contact. Tap the **ON/OFF** switch to turn the feature on or off.
   - **Smart alert**: When on, you can lift the phone to receive notifications of missed calls and notifications that occurred while the device was stationary. Tap the **ON/OFF** switch to turn the feature on or off.

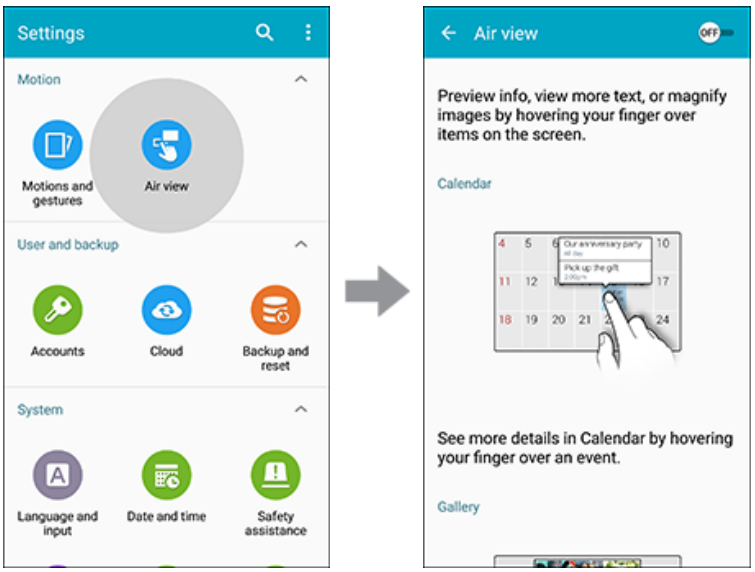
- **Mute/pause**: When on, you can mute incoming calls and pause playback by turning the phone screen-side down. Tap the **ON/OFF** switch to turn the feature on, and then configure options:
  - **Place palm on screen**: When enabled, covering the screen with your hand will mute the ring of incoming calls and alarms, and pause media playback.
  - **Turning device over**: When enabled, turning the device screen-down will mute the ring of incoming calls, and pause music playback.
  - **Smart pause**: When enabled, your phone uses the front camera to detect if you are facing the screen, and will pause video playback when you look away.
- **Palm swipe to capture**: When on, you can save a copy of the current screen to the clipboard by swiping the side of your hand across the screen. Tap the **ON/OFF** switch to turn the feature on or off.

Air View

With Air View, you can preview information, extend text selection, or enlarge pictures by hovering your finger over the screen. For example:

- **Calendar**: See more details by hovering your finger over an event.
- **Gallery**: View the pictures in an album by hovering your finger over the album.
- **Video player**: Preview a scene or show the elapsed time by hovering your finger over the progress bar.
- **Phone**: Preview the contacts assigned to speed dial numbers by hovering your finger over the keypad.

1. From home, tap **Apps** > **Settings** > **Air view**.



   ❖ The Air view settings page opens.

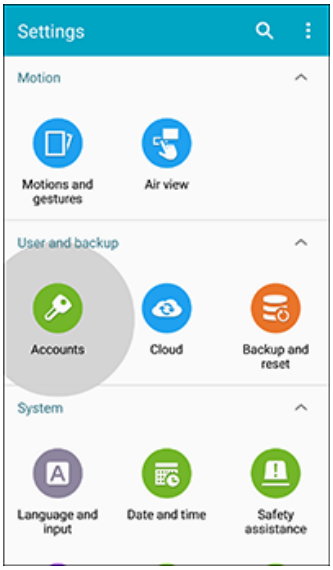
2. Tap the **ON/OFF** switch to turn Air view on or off.

Accounts

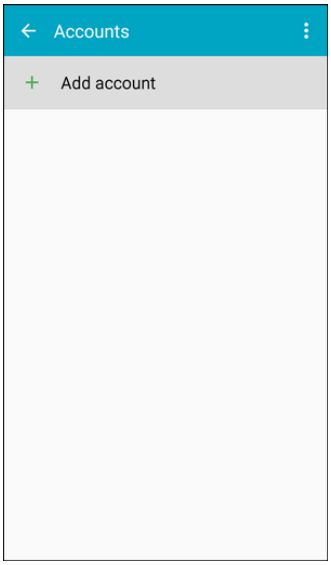
The Accounts settings menu lets you add and manage all your email, social networking, and picture and video sharing accounts.

Set Up a New Account

1. From home, tap **Apps** > **Settings** .

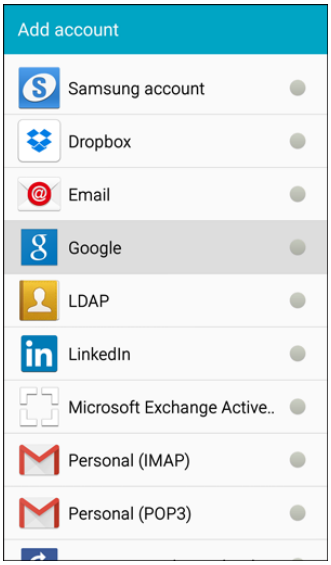


2. Tap **Add account**.



❖ An Add account window appears.

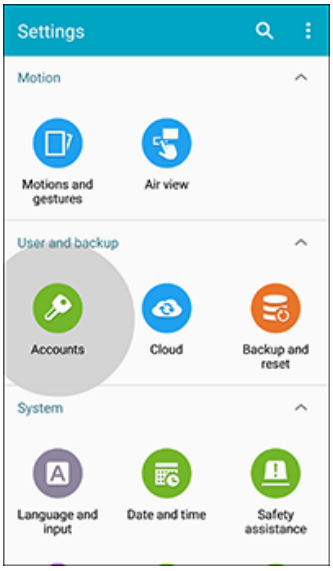
3. Tap an account type and then follow the onscreen instructions to add the required account information, and then tap **Done**.



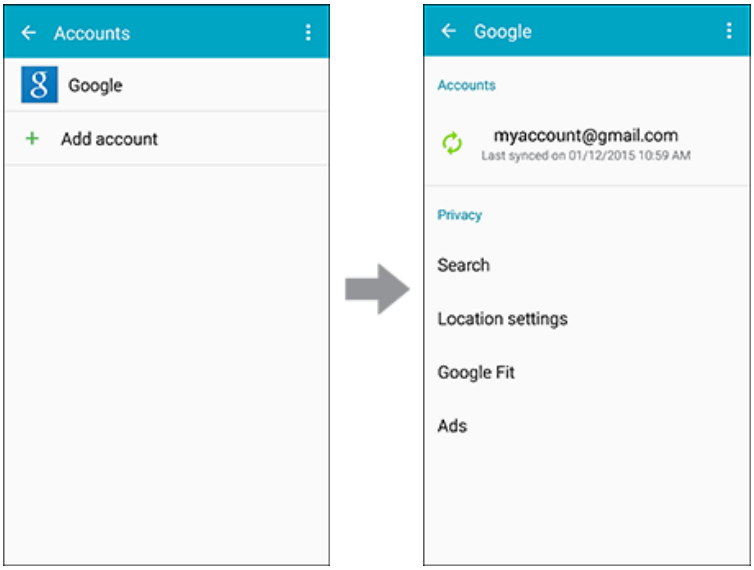
❖ The account is added to the accounts list.

Manage Existing Accounts

1. From home, tap **Apps** > **Settings** > **Accounts**.



2. Existing accounts are listed on the Accounts page. Tap the account name to select it.



❖ The account settings menu appears.

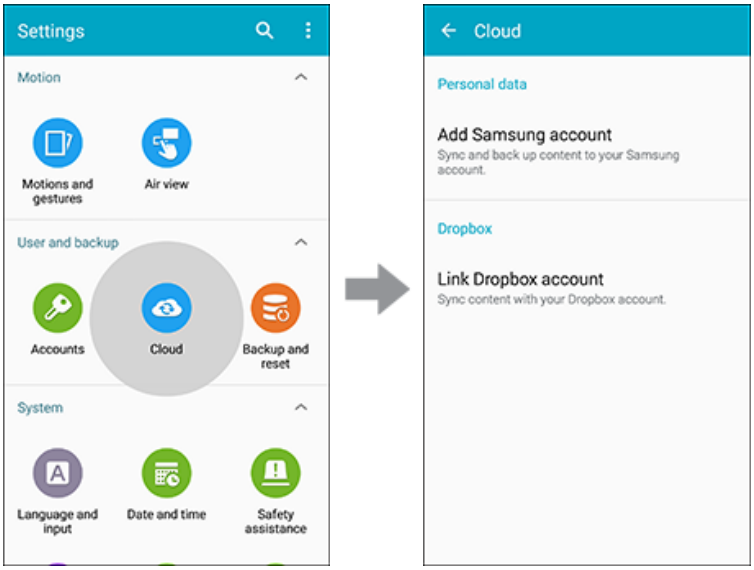
3. Select your account settings, and then tap **DONE**.

❖ The account options are updated.

Cloud Settings

Set up accounts on your phone to save information from your phone to the account.

1. From home, tap **Apps** > **Settings** > **Cloud**.



2. Tap and follow the prompts to configure the following cloud accounts:

   - **Add Samsung account**: Sign in to your Samsung account, or create a new Samsung account. You can sync contacts, calendar events, memos, and Internet shortcuts. You can back up Logs, SMS and MMS messages, and current wallpaper settings.
   - **Link Dropbox account**: Sign in to your Dropbox account, or set up a new account, to sync pictures, videos and documents.

Backup and Reset

Your phone's **Backup and reset** menu lets you back up your phone's data and settings to Google servers before resetting your phone to the original factory settings. The Factory data reset erases all data from the phone's application storage, including:

- Your Google Account
- All other email and social networking accounts
- System and application data and settings
- Downloaded applications

Backup and Reset Overview

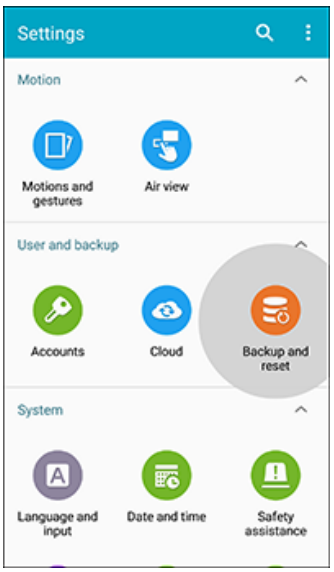
The following options are available in the Back up and reset menu:

Backup and Reset Option	Description
Back up my data	Enable backup for application data, Wi-Fi passwords, and other settings to Google servers.
Backup account	Select the account used to back up data.
Automatic restore	When reinstalling an application, backed up settings and data will be restored.
Factory data reset	Reset all settings and delete all data on phone.

- Performing a factory data reset erases all data on the phone. It is recommended that you back up important data before performing a factory data reset.
- Erased information cannot be restored. Only erase data after you are sure you have saved everything you need.

Access Backup and Reset Options

1. From home, tap **Apps** > **Settings** > **Backup and reset**.



   ❖ The Backup and reset menu opens.

2. Set options.

Backup and reset
Backup and restore
Back up my data
Back up application data, Wi-Fi passwords, and other settings to Google servers.
Backup account
Need to set the backup account
Automatic restore
When reinstalling an application, backed up settings and data will be restored.
Personal data
Factory data reset

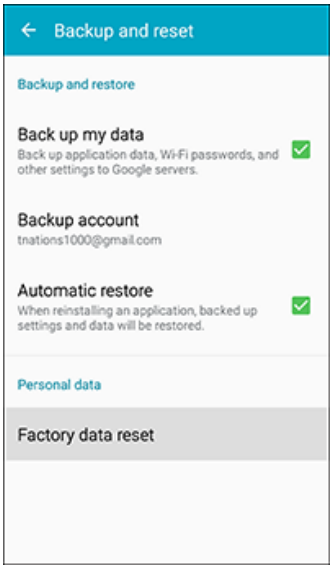
   ❖ The backup and reset settings are applied and saved.

   - If you are performing a Factory data reset, follow the prompts to confirm the data removal. The phone will erase all data and reboot.

Factory Data Reset

Tip: Before performing a factory data reset on your phone, you may want to unmount the microSD card to avoid losing any data you may have stored on it. From home, tap **Apps** > **Settings** > **Storage** > **Unmount SD card** to unmount the storage card.

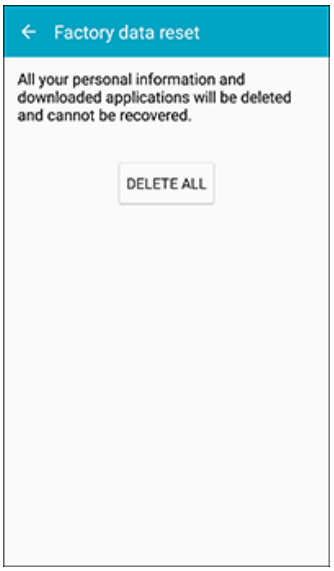
1. From the Backup and reset menu, tap **Factory data reset**.


Backup and reset
Backup and restore
Back up my data
Back up application data, Wi-Fi passwords, and other settings to Google servers.
Backup account
tnations1000@gmail.com
Automatic restore
When reinstalling an application, backed up settings and data will be restored.
Personal data
Factory data reset

2. Read the factory data reset information page and tap **RESET DEVICE**.

Factory data reset
All data will be erased from device memory, including your Google account, system and application data, settings, and downloaded applications.
·Music
·Photos
·Other user data
·The decryption key for files on the SD card (You cannot use encrypted files on the SD card after you reset your device to factory defaults)
RESET DEVICE

3. Tap **DELETE ALL**.


Factory data reset
All your personal information and downloaded applications will be deleted and cannot be recovered.
DELETE ALL

- ❖ Your phone will power down and reset itself, which may take up to 10 minutes.
- ▪ Once the phone has reset, it will run through the Hands Free Activation and update processes again. When finished, you will see the Welcome screen and Setup application. See Complete the Setup Screens to start over.

Language and Input Settings

Your phone's language and input settings let you select a language for the phone's menus and keyboards, select and configure keyboard settings, configure speech input settings, and set your phone's mouse/trackpad options.

Language and Input Settings Overview

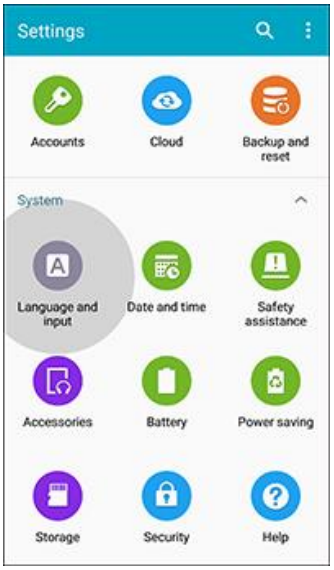
You can set the following options in the Language and input settings menu:

Language and Input Setting	Description
Language	Set the language for your display and menus.
Default	Set the default method for entering text.
Samsung keyboard	Set Samsung keyboard options.
Google voice typing	Set options for Google Voice text entry.
Swype	Set Swype keyboard options.
Voice search	Set your voice search options.
Text-to-speech options	Set text-to-speech options.

Language and Input Setting	Description
Read notifications aloud	Read new notifications aloud for incoming calls, messages, and emails, as well as caller or sender info.
Pointer speed	Set the speed of the pointer for a mouse/trackpad.

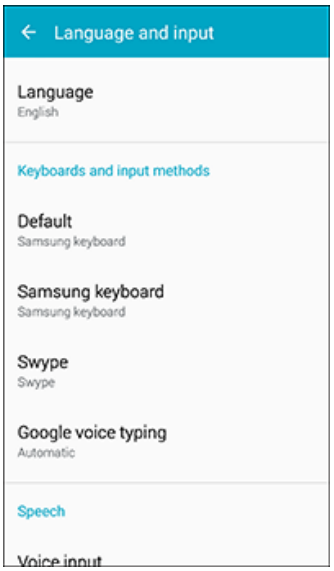
Access Language and Input Setting Options

1. From home, tap **Apps** > **Settings** > **Language and input**.



❖ The Language and input settings menu opens.

2. Set options.



❖ The language and input settings are applied and saved.

Select the Default Language for Your Phone

1. From home, tap **Apps** > **Settings** > **Language and input** > **Language**.

2. Tap an available language.

Language and Input Options

Some of the language and input options are detailed below.

- From home, tap **Apps** > **Settings** > **Language and input**.
  - **Set the Display Language**: From the Language and input settings menu, tap **Language** and then tap a language to assign it.
  - **Set Input Method**: From the Language and input setting menu, tap **Default** and then tap an input method.
  - **Enable Voice Input**: From the Language and input settings menu, tap **Google voice typing** to toggle the option on or off.
  - **Set Samsung Keyboard Options**: From the Language and input settings menu, tap **Settings** next to **Samsung keyboard** and configure your keyboard options.
  - **Set Swype Keyboard Options**: From the Language and input settings menu, tap **Settings** next to **Swype** and configure your keyboard options.
  - **Set Voice Recognition Options**: From the Language and input settings menu, tap **Voice input**, and then select a voice recognition service.
  - **Set Text-to-Speech Options**: From the Language and input settings menu, tap **Text –to-speech output**, tap a settings option, and follow the onscreen instructions.
  - **Set Speed of Pointer for Mouse/Trackpad**: From the Language and input settings menu, tap **Pointer speed**, drag the bar to adjust the speed, and tap **OK**.

Date and Time Settings

Use the Date and Time settings menu either to automatically use the network-provided date and time or manually set these values, as well as select time and date format options.

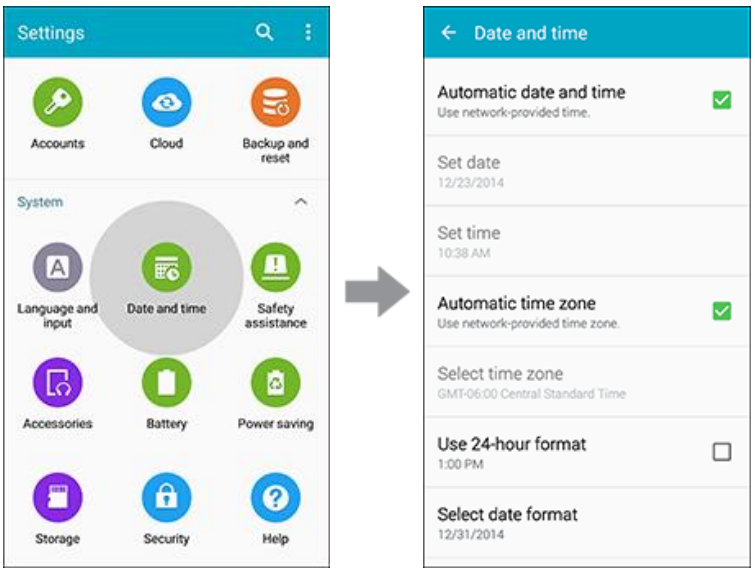
Date and Time Overview

The following Date and time options may be configured:

Date and Time Option	Description
Automatic date and time	Set the date and time automatically via the connected wireless network.
Set date	Set the date manually (only available when Automatic date and time option is disabled).
Set time	Set the time manually (only available when Automatic date and time option is disabled).
Automatic time zone	Set the time zone automatically via the connected wireless network.
Select time zone	Set the time zone manually (only when Automatic time zone is disabled).
Use 24-hour format	Enable or disable 24-hour format.
Select date format	Set the date display format.

Access Date and Time Options

1. From home, tap **Apps** > **Settings** > **Date and time**.



2. Set available date and time options.

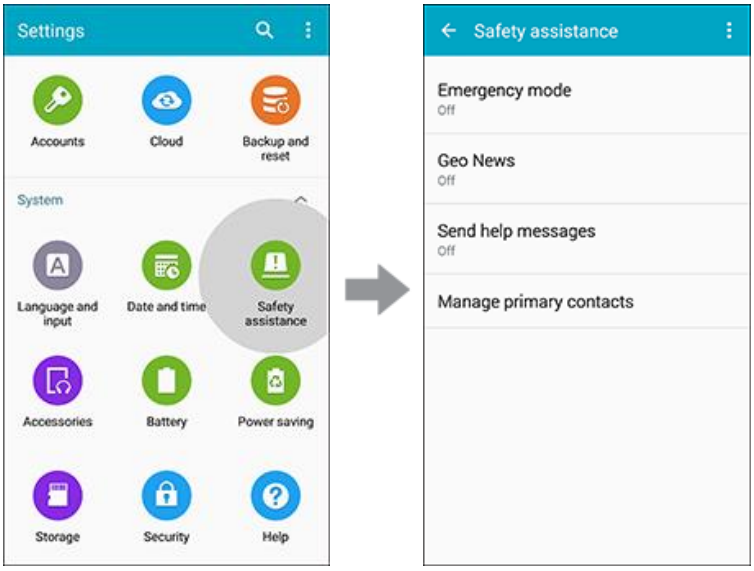
   ❖ Your date and time settings are applied and saved.

Safety Assistance

Safety assistance is intended to help users send a quick notice of their approximate location and visual surroundings to the mobile device of an emergency contact chosen in advance.

Important: This feature is only for your convenience and is not intended as, nor should it be treated as, a substitute for emergency calls to the authorities.

1. From home, tap **Apps** > **Settings** > **Safety assistance**.



2. Tap an option to configure its settings:

   - **Emergency mode**: Save power during an emergency by using a minimal home screen layout and limiting the number of usable apps. Touch the **ON/OFF** switch to turn the option on or off.
   - **Geo News**: Get news about extreme weather conditions that may affect you. Touch the **ON/OFF** switch to turn the option on or off. You can enable or disable pop-ups notifications as well.
   - **Send help messages**: Send a quick notice of your approximate location and visual/auditory surroundings to the mobile phone of the Emergency contact that you have created. Press the Power/Lock Key 3 times in a row to send an emergency message to your emergency contact: You should still make an emergency call to the appropriate authorities if needed. Touch the **ON/OFF** switch to turn the option on or off. The following additional options are available:
     - **Send pictures**: Send pictures from the front and rear cameras to your emergency contact when you press the Power/Lock Key 3 times in a row.
     - **Send sound recording**: Send a sound recording to your emergency contact when you press the Power/Lock Key 3 times in a row.

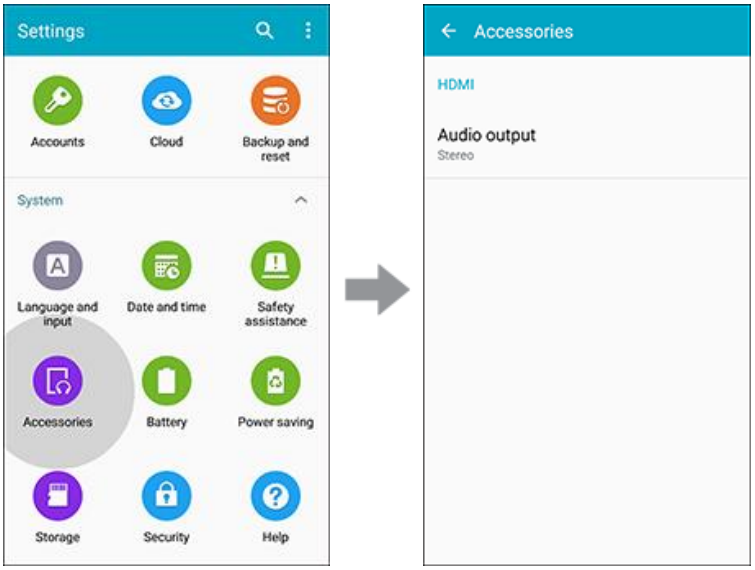
- **Manage emergency contacts**: Create and maintain emergency contact information. To use Safety assistance, you must have at least one emergency contact saved in Contacts. Follow the prompts to set up emergency contact(s) if you do not already have them.

Note: Tap **More options** > **Help** for more information about using the safety assistance feature.

Accessories

Configure your device's behavior when it is connected to optional accessories (not included).

1. From home, tap **Apps** > **Settings** > **Accessories**.



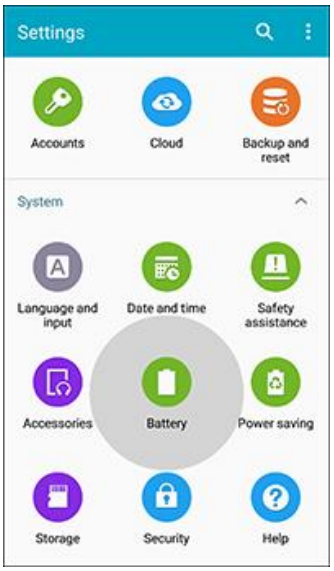
2. Tap an option to configure its settings:

   - **Audio output**: Choose a destination for audio output when you connect to devices via HDMI cable (not included).

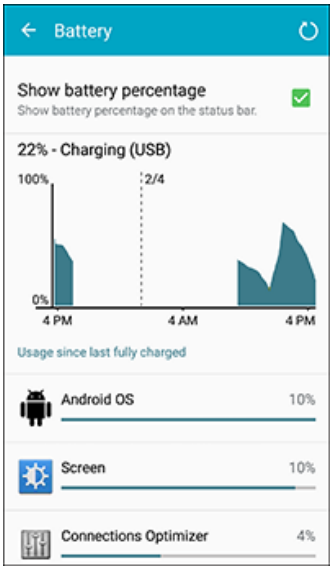
Battery Settings

Monitor your phone's battery usage through this settings menu. View which functions are consuming your battery's charge and at what percentage. You can also display the battery charge remaining as a percentage on the Status bar.

1. From home, tap **Apps** > **Settings** > **Battery**.



2. Tap **Show battery percentage** to display the percentage of battery charge remaining on the Status bar.



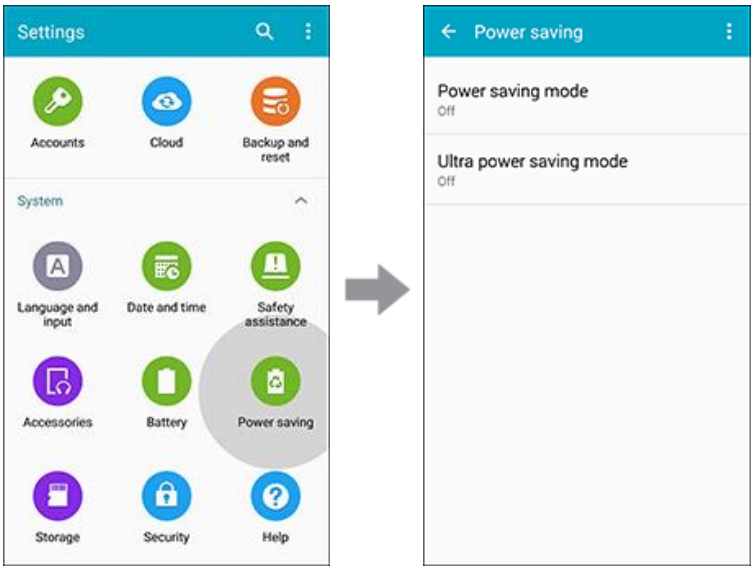
3. Tap items to view details.

   ❖ Check your battery condition and access additional options.

Power Saving Settings

Configure Power saving modes to conserve battery power.

1. From home, tap **Apps** > **Settings** > **Power saving**.

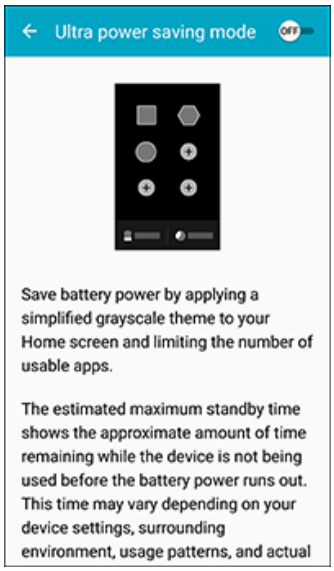


2. Tap a mode to configure settings:

   - **Power saving mode**: Tap the **ON/OFF** switch beside **Power saving mode** to turn the mode on or off. Power saving mode must be turned on to configure settings.

- **Block background data**: When enabled, your phone blocks the transfer of data in the background. This may affect the performance of some apps.
- **Restrict performance**: Tap the **ON/OFF** switch to turn the option on, and then choose the types of performance to restrict. Features such as vibration, screen backlight, and key backlights consume power.
- **Grayscale mode**: Tap the **ON/OFF** switch to switch from color screens to grayscale.

- **Ultra power saving mode**: Tap the **ON/OFF** switch to turn the mode on. When on, your phone will conserve power by changing to grayscale screen mode, limiting the number of usable apps, turning off mobile data when the screen is off, and turning off connectivity features such as Wi-Fi and Bluetooth.


Ultra power saving mode
OFF
Save battery power by applying a simplified grayscale theme to your Home screen and limiting the number of usable apps.
The estimated maximum standby time shows the approximate amount of time remaining while the device is not being used before the battery power runs out. This time may vary depending on your device settings, surrounding environment, usage patterns, and actual

❖ Power saving modes are configured.

Storage Settings

The Storage settings menu lets you manage internal storage on your phone and provides options for your microSD card.

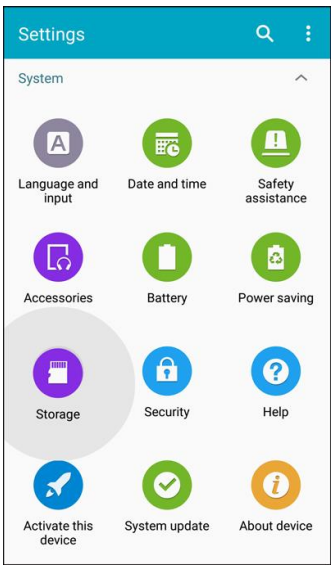
Storage Settings Overview

The sound settings menu allows you to configure the following options:

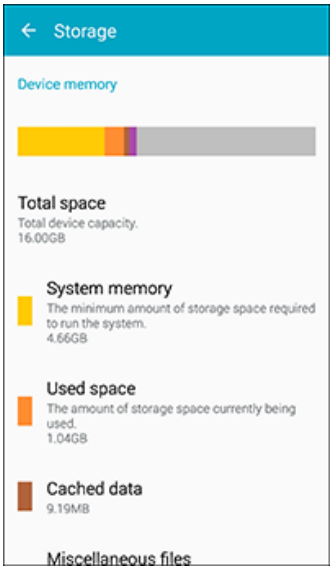
Storage Device	Description
DEVICE MEMORY	● **Total space**: View the total space/free space in your phone memory. ● **System memory**: The minimum amount of storage space required to run the system. ● **Used space**: The amount of storage space currently being used. ● **Cached data**: The amount of data currently cached. ● **Miscellaneous**: The amount of memory used to store miscellaneous files. ● **Available space**: The amount of storage space currently available.
SD CARD	● **Mount SD card**: If an optional SD card is installed but not mounted, tap to mount the card and make it available for use. ● **Total space**: If an optional SD card is installed, view the total space on it. ● **Available space**: If an optional SD card is installed, view the available storage space on it. ● **Unmount SD card**: If an optional SD card is installed, tap to unmount the card to allow for safe removal. ● **Format SD card**: If an optional SD card is installed, tap to erase all data stored on the card and prepare it for use by your phone.

Access Storage Settings

1. From home, tap **Apps** > **Settings** > **Storage**.



2. View memory usage for the different types of information stored in your phone's memory. Tap an item for more information.



microSD Card

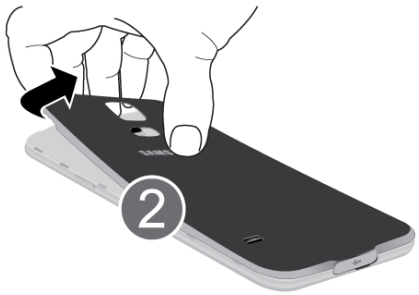
A microSD memory card is an optional accessory (not included) that allows you to store images, videos, music, documents, and other data on your phone.

Important: You can damage a microSD card by improper installation. Please be careful when inserting, removing, or handling it.

Install a microSD Card

Follow the instructions below to install an optional memory card (not included).

1. Remove the back cover.

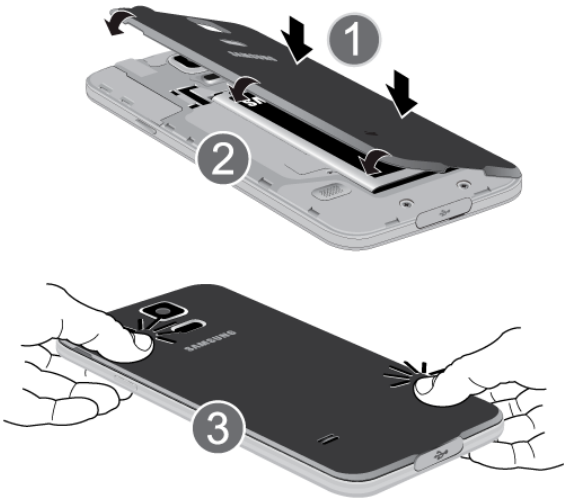


   - Lift gently in the direction shown.

2. Insert SD card.

   - Insert SD Card all the way gently without bending and with terminals facing down.
   - Insert only SD Cards.

3. Attach the back cover.



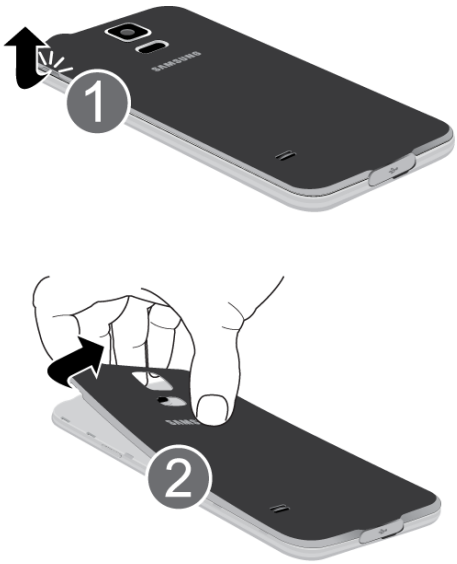
- Make sure all the tabs are secure and there are no gaps around the cover.

Remove a microSD Card

Use the following procedure to remove an optional microSD card from your phone.

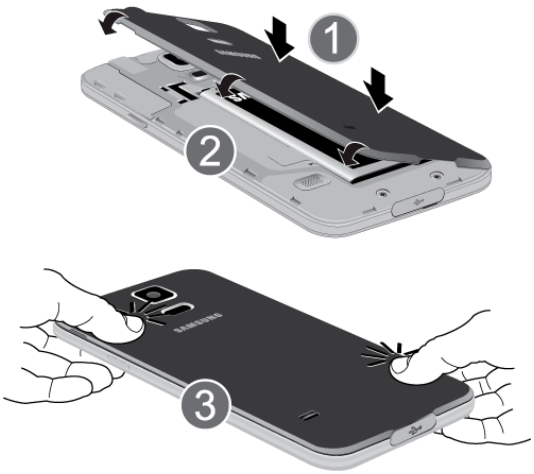
Important: Before removing an optional installed microSD card, you must unmount the card first to prevent corrupting the data stored on it or damaging the card. For more information, see Unmount a microSD Card.

1. Using the slot provided, gently lift the cover off the phone.



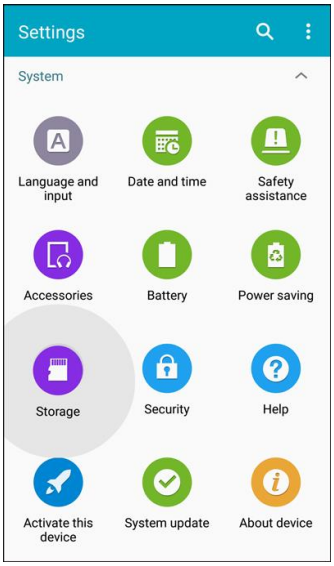
2. Carefully slide the card out of the slot.

3. Replace the battery compartment cover, making sure all the tabs are secure and there are no gaps around the cover.

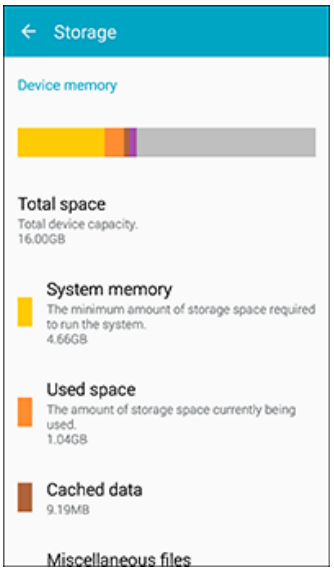


Access Storage Settings

1. From home, tap **Apps** > **Settings** > **Storage**.



2. The Total space and available space on the microSD card are displayed.



Format a microSD Card

Warning: Formatting erases all the data on an installed microSD card, after which the files CANNOT be retrieved. To prevent the loss of important data, please check the contents before you format the card.

1. From the Storage screen, tap **Format SD card**.
2. Follow the prompts.

Unmount a microSD Card

When you need to remove an optional installed microSD card, you must unmount the card first to prevent corrupting the data stored on it or damaging the card.

1. From home, tap **Apps** > **Settings** > **Storage**.
2. Tap **Unmount SD card**.
3. Remove the microSD card. See Remove a microSD Card.
   - ❖ Review your storage settings.

Security Settings

The Security settings menus let you set encryption options, password visibility, administrator settings, and credential storage options.

Security Settings Overview

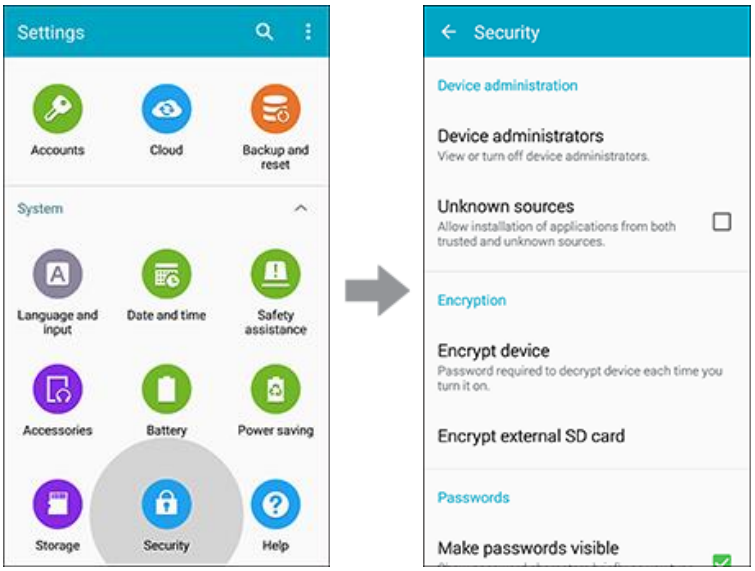
Many security settings are dependent on Screen lock settings, SIM lock settings, etc. The following table outlines the settings available through the Security settings menu:

Security Setting	Description
Device administrators	View or turn off device administrators.
Unknown sources	Allow or deny installation of apps from sources other than the Google Play Store app.
Encrypt device	Encrypt all data on your phone.
Encrypt external SD card	Encrypt the data on an optional installed SD card.
Make passwords visible	Toggle to show or hide passwords when entering form data.
Security policy updates	Automatically check for changes to the security policy and download any updates, to improve security and service.
Send security reports	Only send security reports to Samsung when it is connected to a Wi-Fi network.
Storage type	Back your security credentials to hardware.
Trusted credentials	Display trusted CA certificates.
Install from phone storage	Install certificates from storage.
Clear credentials	Remove all credentials from the phone.
Trust agents	Set screen lock type to use.
Access application usage data	View which applications can access your device’s usage data.
Smart Lock	Set screen type to use.

Access Security Settings

Before using any features that require location assistance, you must enable your phone's location services.

1. From home, tap **Apps** > **Settings** > **Security**.



   ❖ The Security settings menu opens.

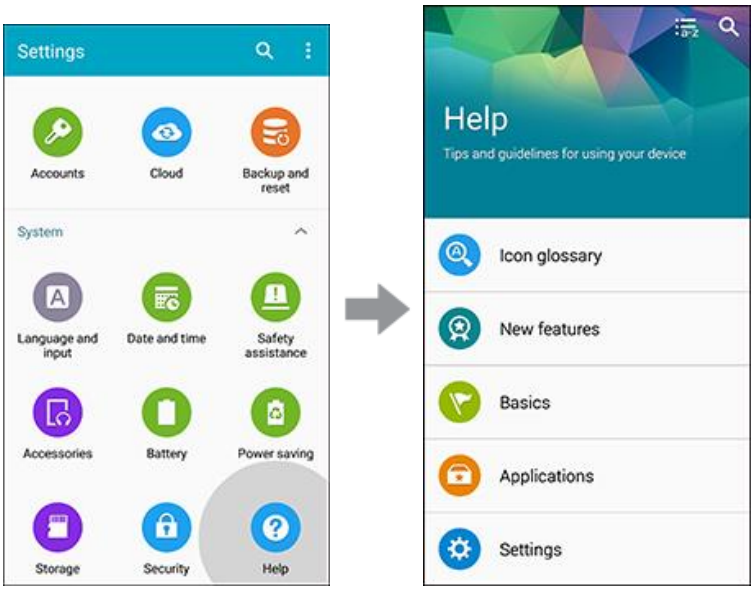
2. Set your security options.

   ❖ Your security settings are applied and saved.

Help

Learn about using your phone.

- From home, tap **Apps** > **Settings** > **Help**, and then tap topics to display information.



Activate This Device

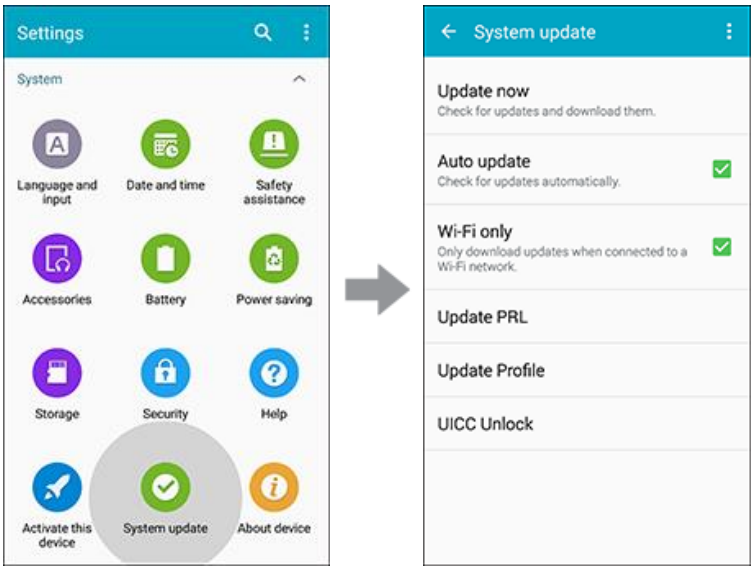
Connect to the network and activate your device. If your device is already activated, use this option to view information about your plan and usage.

- From home, tap **Apps** > **Settings** > **Activate this device**, and then follow the prompts to activate your device on the network.

System Update

Use System update options to update your phone's software.

1. From home, tap **Apps** > **Settings** > **System Update**.



2. Tap the following options to configure them:

   - **Update now**: Tap to check for updates, and install them if desired.
   - **Auto update**: Enable or disable automatic checking for security updates. You can still choose whether to install updates.
   - **Wi-Fi only**: When enabled, your phone will only download updates when connected to a Wi-Fi network.
   - **Update PRL**: Download the latest Preferred Roaming List (PRL), used by your phone to access the network.
   - **Update Profile**: Update the user profile related to your wireless service account. If you choose to change your user name online, use this option to update the user name on your phone.
   - **UICC Unlock**: Unlock your device's Universal Integrated Circuit Card.

About Device

The About Device menu lets you access important phone information, search for and apply updates, and view legal and safety information.

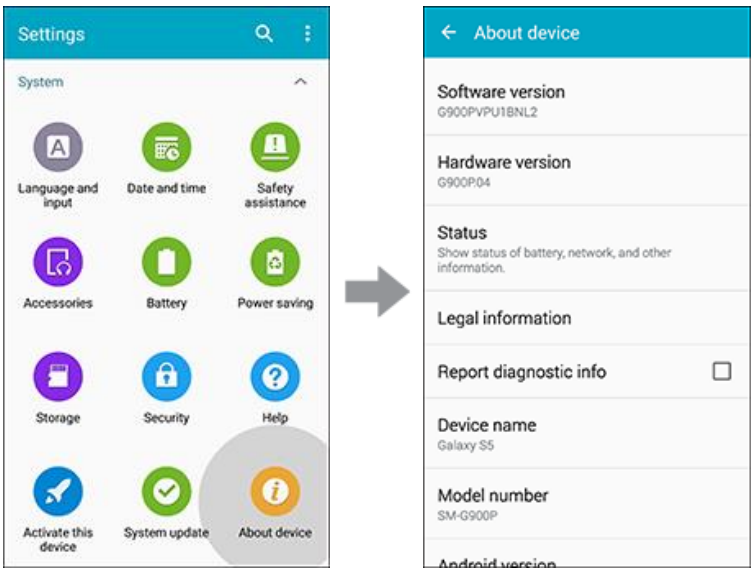
About Device Overview

The following About Phone items may be reviewed or set:

About Device Item	Description
Software version	Check your current software version.
Hardware version	Check your current hardware version.
Status	Check your phone's status.
Legal information	Check copyright information, terms of use, etc.
Report diagnostic info	Report diagnostic and usage data to Samsung, to improve the quality and performance of products.
Device name	Change the name of your device (other devices see this name when using Hotspot or Bluetooth).
Model number	Check the phone's model number.
Android version	Check the Android version number.
Baseband version	Check the phone's baseband version.
Kernel version	Check the phone's kernel version.
Build number	Check the current phone build number.
SE for Android status	View your device's current status.
Security software version	View your device's security software version.
KNOX version	View your device's KNOX version.

Access About Phone Options

1. From home, tap **Apps** > **Settings** > **About**.



2. Select or view available options.

   ❖ Your phone information is displayed.

Application Manager

Check installed applications and running applications.

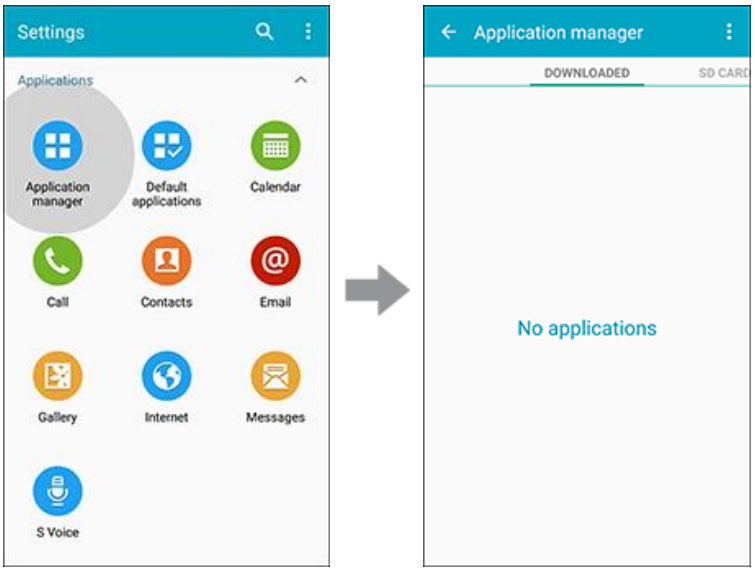
Apps Settings Overview

Items that can be checked in the Apps settings menu are the following.

Apps Setting	Description
DOWNLOADED	Check downloaded apps.
SD CARD	Check apps on your optional installed SD card.
RUNNING	Check running apps.
ALL	Check all apps.

Access Apps Settings

1. From home, tap **Apps** > **Settings** > **Application manager**.



2. Tap items to view details.

    ❖ Check your application settings condition and access additional options.

Note: Depending on the app and its location, you may be able to force the app closed, uninstall or disable the app, clear cache and data, and more.

Default Applications

If you have installed multiple apps that perform the same kind of task, for example more than one messaging app, you can choose the app you want to use as the default.

1. From home, tap **Apps** > **Settings** > **Default applications**.

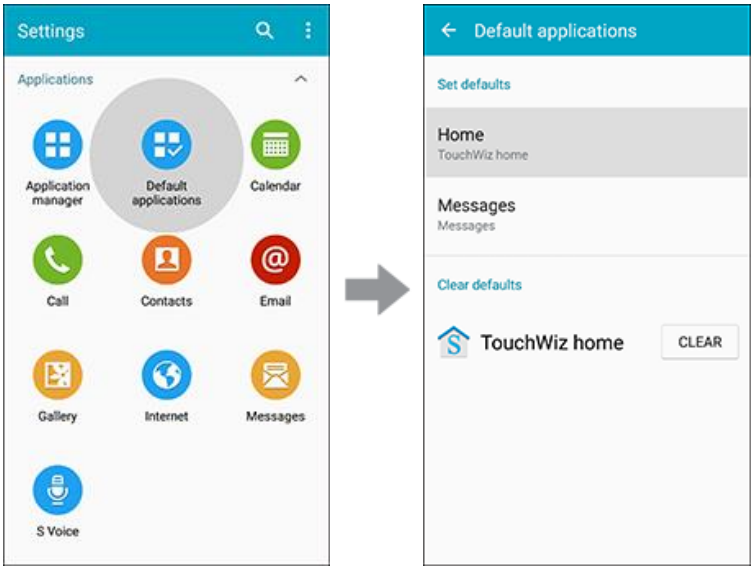
2. Configure the following options:

   - **Home**: Choose a default home screen mode.
   - **Messages**: Choose a default app for messaging (SMS and MMS).
   - **Clear defaults**: Tap Clear to clear the defaults.

Home Settings

Select the TouchWiz home display theme or your Custom Mobile display theme.

1. From home, tap **Apps** > **Settings** > **Default applications** > **Home**.



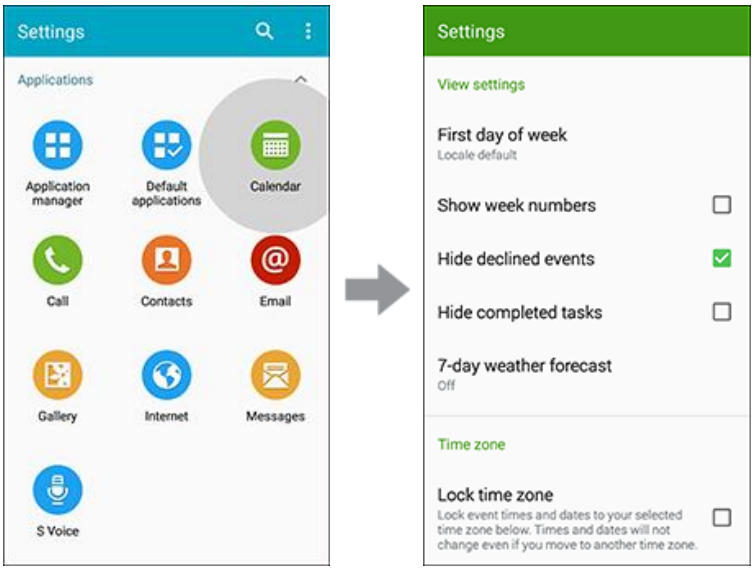
2. Configure your home screen theme settings.

❖ Your display theme is changed.

Calendar Settings

Configure settings for the Calendar app.

1. From home, tap **Apps** > **Settings** > **Calendar**.



2. Tap the following options to configure them:

   - **First day of week**: Choose a day to start each calendar week.
   - **Show week numbers**: Enable or disable display of week numbers on the calendar.
   - **Hide declined events**: When enabled, events for which you declined the invitation are not shown on the calendar.
   - **Hide completed tasks**: When enabled, tasks you've completed are no longer shown on the calendar.
   - **7-day weather forecast**: When enabled, weather information from AccuWeather.com displays on the calendar.
   - **Lock time zone**: Lock events times and dates to your selected time zone.
   - **Select time zone**: Set your current time zone.
   - **View today according to**: Select a fixed time zone to use.
   - **Set snooze duration**: Set the length of time before the next alarm while snoozing.
   - **Select alert type**: Choose the type of notifications for calendar events. You can choose to be notified with a sound, or by an icon in the Status bar, or choose no notifications.

- **Notification sound**: Choose a sound for calendar event notifications.
- **Vibration**: Enable or disable vibration, to play for calendar event notifications.
- **Quick responses**: Manage text phrases, which you can use to send to event attendees.

Call Settings

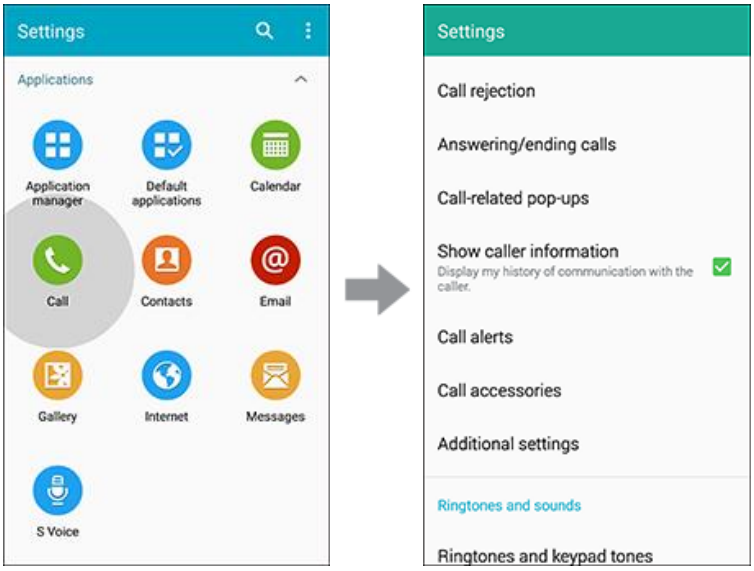
Configure options for calling with your phone.

Call Settings Overview

Call Setting	Description
Call rejection	Create or edit messages to reject incoming calls.
Answering/ending callas	Answer calls by pressing the Home Key, and end calls by pressing the Power/Lock Key.
Call-related pop-ups	Show notifications for incoming calls display in pop-ups if an application is open on the screen.
Show caller information	Display information about the caller's recent social network activity, and the history of your communication with them.
Call alerts	Set options for sounds and vibrations to occur during calls.
Call accessories	Configure options for using an optional headset for calling.
Additional settings	● Configure settings for using TTY (teletypewriter, also known as a TDD or Text Telephone). ● Improve the sound quality of your phone when using hearing aids.
Ringtones and keypad tones	Select or create your default ringtone, set the phone to vibrate when ringing, and play a tone when the dialing keypad is tapped.
Personalize call sound	Choose options for call audio, in cases where you might need the sound softer or more clear, or optimized for your right or left ear.
Noise reduction	Suppress background noise during calls.
Service provider	Select a voicemail service.
Voicemail settings	Configure your voicemail.
Alert sound	Set a default alert sound for voicemail.

Call Setting	Description
Vibrate	Set the phone to vibrate when receiving voicemail.
US dialing	Replace + with the international dialing code, except when entering +1.
International dialing	Enter the international dialing code automatically.
DTMF tones	Set the length of DTMF tones on your phone.

1. From home, tap **Apps** > **Settings** > **Call**.



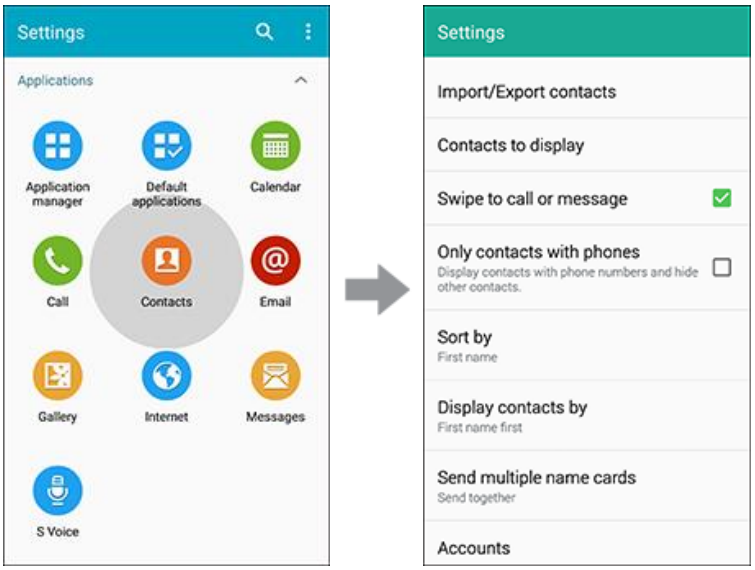
2. Set your call settings.

   ❖ Your call settings are saved and applied.

Contacts Settings

Configure settings for the Contacts app.

1. From home, tap **Apps** > **Settings** > **Contacts**.



2. Tap the following options to configure them:

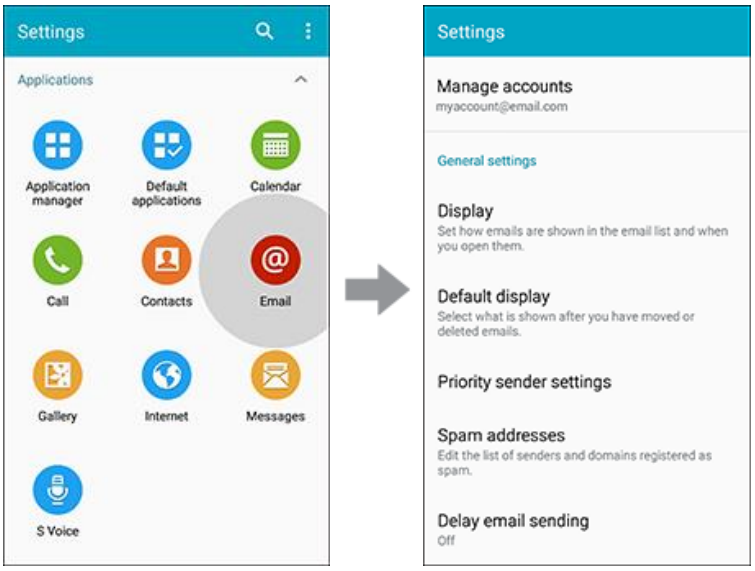
   - **Import/Export contacts**: You can import contacts from your phone's internal memory, from the SIM card, or from an optional installed memory card. Tap to choose an import source, and then follow the prompts to import contacts.
   - **Contacts to display**: Choose contacts to display in Contacts. You can choose only contacts from your phone's memory, or from an account, or choose other sources. You can also create a customized list of contacts to display.
   - **Swipe to call or message**: When enabled, you can swipe your finger across a contact record to call or send a message to the contact's default number. Swipe right to call, or left to create a message addressed to the contact.
   - **Only contacts with phones**: When enabled, only contacts with at least one phone number display in Contacts. Other contacts will be hidden.
   - **Sort by**: Choose how contacts are sorted, by first or last name.
   - **Display contacts by**: Choose how contacts are displayed, by first or last name.
   - **Send multiple name cards**: You can choose how to transfer contacts, when sharing them with other devices, such as via Bluetooth.
   - **Accounts**: Add or manage accounts. Many accounts include contacts, which are synced with your phone when you set up the account on your phone.

Email Settings

Configure settings for the Email app.

Edit General Email Preferences

1. From home, tap **Apps** > **Settings** > **Email**.



   ❖ The email settings page appears.

Note: If an email account is not configured, you will be prompted to set up an email account.

2. Tap a setting to configure it. Available settings depend on the type of email account, and may include:

   - **Manage accounts**: Configure options for specific accounts. Available settings depend on the type of account.
   - **Display**: Choose how emails are shown in the email list, and when you open them.
     - **Auto fit content**: When enabled, email content shrinks to fit the screen. You can still view details by zooming in.
     - **Message preview line**: Choose whether up to 3 lines display with the email subject in the Inbox.
     - **Title line in list**: Choose what displays as the title in the list of emails, the sender, or the subject of the email.
     - **Hide checkboxes**: Enable or disable the display of checkboxes beside each email. When checkboxes are displayed, you can use them to select email(s). If you choose to hide checkboxes, you can touch and hold on an email to temporarily display them, such as when you want to select multiple emails.

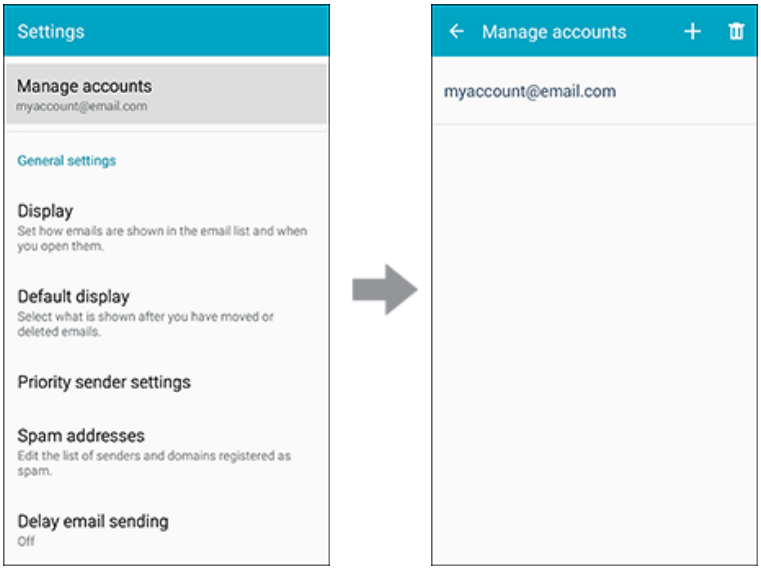
- **Default display**: Select what's displayed after you move or delete emails. You can choose to move to the next email, or the previous email, or return to the list of emails in the inbox.
- **Priority sender settings**: Choose options for handling emails from priority senders.
    - **Set as default folder**: When enabled, the priority sender inbox displays when you open the Email app.
    - **Email notifications**: When enabled, notifications for new emails display in the status bar. When disabled, you can control notifications for each of your email accounts individually in the account's settings.
    - **Notification sound**: Choose a ringtone to use for notifications for new email from priority senders.
    - **Vibrate**: Enable or disable vibration, to play for notifications for new email from priority senders.
- **Spam addresses**: Create and maintain a list of email addresses and domains, to automatically block emails from those senders.
- **Delay email sending**: Choose options for delaying the sending of emails, so that they can be cancelled if needed.
    - **Delay email sending**: When enabled, the sending of emails is delayed, and a cancel button is displayed, for a period of time you set below.
    - **Set length of delay**: Choose a time period to delay sending of emails.

Manage Email Account Settings

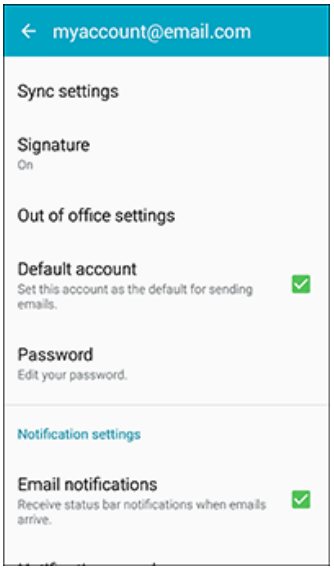
You can edit settings for your individual email accounts, such as email address and password, name display and signature, frequency of retrieval, and more.

Note: Available settings depend on the type of email account.

1. From home, tap **Apps** > **Settings** > **Email** > **Manage accounts**.



2. Tap an account to configure settings:



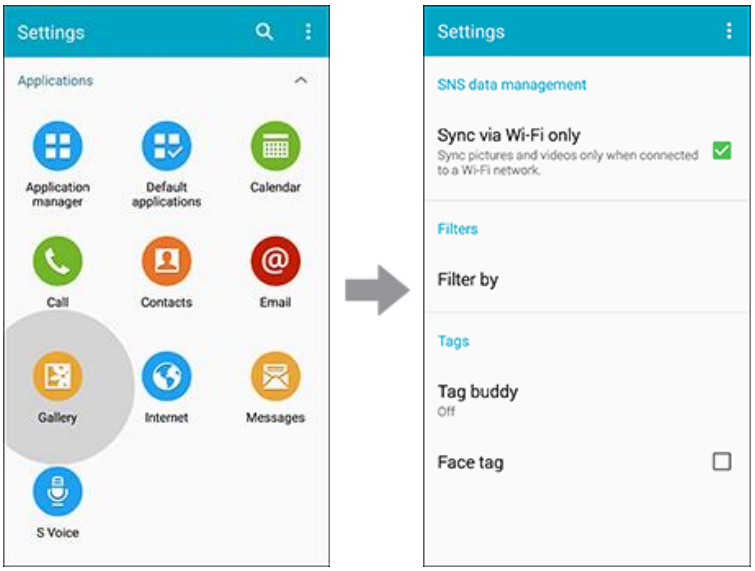
- **Sync settings**: Tap to configure options for synchronizing your phone with your account:
  - **Sync Email**: When enabled, your phone maintains synchronization with your email account. The last synchronization is displayed.
  - **Sync schedule**: When Sync email is enabled, set options for synchronizing your phone with your email account.
  - **Period to sync Email**: Choose a time period to have your phone maintain synchronization.
  - **Limit retrieval size**: Choose a maximum size for emails for your phone to automatically retrieve during synchronization. For larger emails, your phone will prompt you to download the contents when you open them. You can set a separate retrieval limit to use when roaming.
- **Signature**: When on, a text signature is automatically added to emails you send. Tap the **ON/OFF** switch to turn signatures on or off. After turning signatures on, tap **Edit signature** to edit the default text signature.
- **Out of office settings**: Configure options for automatically sending replies when you are out of the office.
- **Default account**: Assign an account as the default email account for outgoing messages. When you launch an email from other apps, the email will automatically be from this account.
- **Password**: Update your account password to match the password set on your account.
- **Email notifications**: When enabled, an icon displays in the Status bar when you receive new emails.
- **Notification sound**: Choose a ringtone to play for new email notifications.
- **Vibrate**: When enabled, vibration plays for new email notifications.
- **More settings**: Configure other options, including the account name, carbon copy and blind carbon copy, synchronization, and security options.
  - **Account name**: Enter a name to identify this email account.
  - **Always Cc/Bcc myself**: Choose options for sending a copy of emails you send to yourself, as a copy (Cc) or blind copy (Bcc).
  - **Show images**: Choose whether to automatically display embedded images in the body of an email.
  - **Auto download attachments**: Choose whether the phone automatically downloads email attachments when you are connected to Wi-Fi. You might use this option to control how and whether you use your plan’s data services to download attachments.
  - **Folder sync settings**: Choose folders to synchronize between your phone and account.

- **Period to sync Calendar**: Choose the period for synchronizing calendar events between your phone and account.
- **Empty server trash**: Delete the contents of the trash folder on the account server.
- **In case of sync conflict**: Choose whether information from the server or phone has priority when there is a conflict.
- **Security options**: Configure advanced security options, including encryption.
- **Number of emails to load**: Choose the number of emails displayed at one time.
- **Sync Contacts**: Choose whether contacts are synchronized between your phone and the account.
- **Sync Calendar**: Choose whether calendar events are synchronized between your phone and the account.
- **Sync Task**: Choose whether emails are synchronized between your phone and the account.
- **Sync all emails in conversation**: Include past emails in the conversation when syncing new emails.
- **Exchange server settings**: Configure the Domain\user name, Password, and other Exchange server settings.

Gallery Settings

Configure settings for the Gallery app.

1. From home, tap **Apps** > **Settings** > **Gallery**.



2. Tap a setting to configure its options:

   - **Accounts**: Tap an account to enable or disable sync options. The sync options for pictures and videos affect Gallery.
   - **SNS Data Management**: **Configure options for synchronizing pictures and videos with your** SNS (Social Networking Site) **accounts**.
     - **Sync via Wi-Fi only**: When enabled, Gallery will only sync pictures with your SNS (Social Networking Site) accounts when connected to Wi-Fi.
   - **Filter by**: Choose a filter to apply to pictures displayed in Gallery.
   - **Tag buddy**: When on, Tag buddy automatically adds tag information to pictures you take. Tap the **ON/OFF** switch to turn the option on, and then tap items to enable tags in pictures.
   - **Face tag**: When enabled, your phone identifies faces in the pictures you take, so you can tag them in the picture.
   - Tap **Menu** > **Add account** to add an account for picture and video storage.

Internet Settings

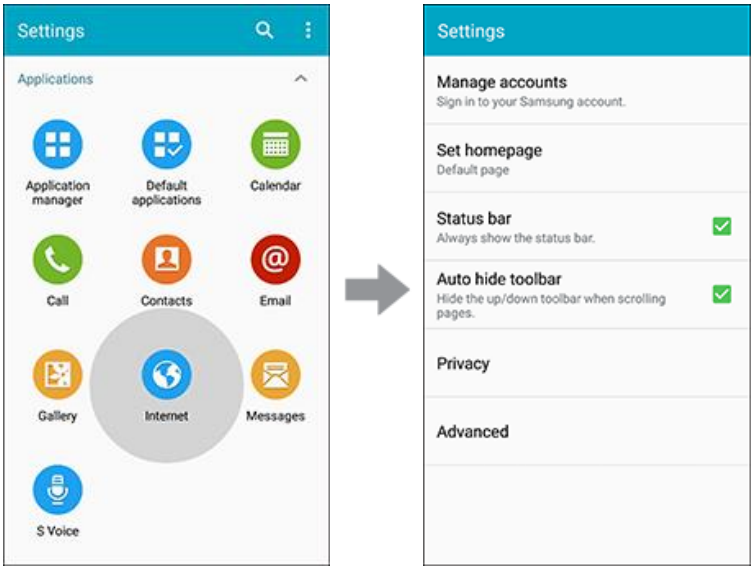
Configure settings for the Internet app.

Internet Setting	Description
Manage accounts	Tap to sign in to your Samsung account. Signing in to your Samsung account allows you to sync bookmarks and open pages with your other devices.
Set homepage	Tap to choose a homepage, to display when you launch Internet.
Status bar	Tap to always show the status bar.
Auto hide toolbar	Tap to hide the up/down toolbar when scrolling pages.
Privacy	Choose options related to privacy: ● **Accept cookies**: When enabled, the browser allows sites to save and read cookies. ● **Turn on location**: When enabled, sites can access your phone's location information. ● **Suggest terms and web address suggestions**: When enabled, the browser will predict related queries and popular sites based on what you enter in the Navigation bar. ● **Remember form data**: When enabled, the browser will remember data you enter in web form, to help you fill out these fields in the future.

Internet Setting	Description
	● **Remember passwords**: When enabled, the browser saves user names and passwords you enter, to help you fill out those fields in the future. ● **Sign-in information**: Manage the usernames and passwords you have saved for websites. ● **Delete personal data**: Choose types of personal data to delete from browser settings.
Advanced	Configure advanced Internet browser settings: ● **Auto fill forms**: Manage your text for automatically filling out Web forms. You can save separate form profiles. ● **Legibility**: Adjust text sizing for legibility. ▪ **Text scaling**: Drag the slider to adjust the size of type on the screen. Use the Preview to see an example. ▪ **Force zoom**: When enabled, the browser overrides requests from websites to control zoom level. ▪ **Text booster**: When enabled, the browser increases the size of text for easier reading, especially when viewing desktop versions of websites on your phone. This may affect the screen's layout. ● **Content settings**: Manage settings for Web content. ▪ **Turn on JavaScript**: When enabled, the browser allows sites to run JavaScript. ▪ **Block pop-ups**: When enabled, the browser does not display pop-up screens from websites. ▪ **Default storage**: If you have an optional installed memory card installed (not included), you can choose where to store browser data. ▪ **Websites**: Set advanced settings for individual websites. If you've visited sites that offer advanced settings, you can configure those settings here. Available websites and settings depend on your browsing history. ▪ **Turn on notifications**: Control whether the browser notifies you of Web notifications. ▪ **Reset notifications**: Reset web notification access information. ▪ **Reset settings**: Restore the browser's default settings.

Internet Setting	Description
Data usage management	• **Preload webpages**: Choose whether the browser preloads web pages for faster browsing all the time, only when connected to Wi-Fi, or never. • **Load images**: When enabled, the browser will automatically load and display images on Web pages. • **Page overview**: When enabled, newly opened pages display as an overview. • **Preload available links**: When enabled, the browser will preload links from the cache, to improve performance when loading pages.

1. From home, tap **Apps** > **Settings** > **Internet**.

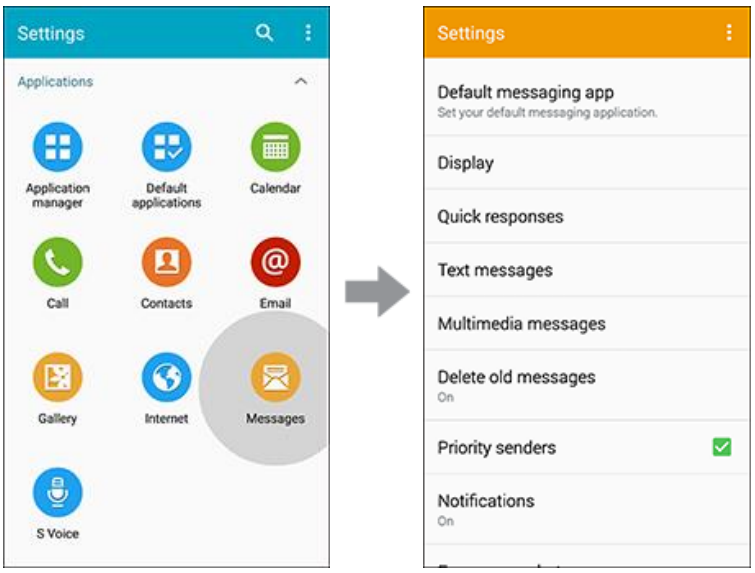


2. Tap a setting to configure its options.

Messages Settings

Configure settings for text and multimedia messaging.

1. From home, tap **Apps** > **Settings** > **Internet** > **Messages**.



2. Tap a setting to configure its options:
   - **Default messaging app**: Choose an app to use by default.
   - **Display**:
     - **Bubble style**: Choose how messages appear on the screen. Bubbles are the boxes that surround each message.
     - **Background style**: Choose the background of the message screen.
     - **Change font size**: When enabled, you can change the text size while reading a message by pressing the Volume key up or down.
   - **Quick responses**: Create and manage text phrases that you can add to messages.
   - **Text messages**:
     - **Auto combination**: Choose whether long messages that are received in multiple parts are automatically re-assembled to display as a single message.
   - **Multimedia messages**:
     - **Group conversation**: Control how messages to multiple recipients are handled. When enabled, a single message is sent to multiple recipients. When disabled, a separate message is sent to each recipient.
     - **Auto retrieve**: Choose whether message attachment(s) are automatically downloaded when you display a multimedia message. If you disable this option, only the message header displays in the message list, and you'll be prompted to download the attachment(s).

- **Roaming auto retrieve**: Choose whether message attachment(s) are automatically downloaded when your phone is outside its home network.
- **MMS alert**: When enabled, your phone will alert you when you make a change to a message that will convert the message to a multimedia message (MMS).

- **Delete old messages**: When turned on, your phone will automatically delete the oldest messages when the maximum number of messages is reached. Tap the **ON/OFF** switch to turn the setting on, and then set the maximum number of messages with the Text message limit and Multimedia message limit settings below.
  - **Text message limit**: Set the maximum number of text messages per conversation.
  - **Multimedia message limit**: Set the maximum number of multimedia messages per conversation.
- **Priority senders**: Tap the check box to enable priority mode for priority contacts when they send you text and multimedia messages.
- **Notifications**: When turned on, notifications for new messages display in the status bar. Tap the **ON/OFF** switch to turn the setting on, and then configure options:
  - **Notification sound**: Choose a sound to play for new message notifications.
  - **Vibrate**: Choose whether vibration plays along with the sound for new message notifications.
  - **Repeat message alert**: Choose how often your phone notifies you of new message(s).
  - **Pop-up display**: Choose whether a new message pops up on the display to notify you.
  - **Preview message**: Choose whether a short preview of new messages displays in the Lock screen and/or Status bar.
- **Emergency alerts**: Configure emergency alert settings. You can enable or disable some alerts: Extreme Alert, Severe Alert, Amber Alert, and Emergency alert test messages. You cannot disable Presidential alerts.
  - **Emergency alerts**: Choose types of messages to receive. You can enable or display any of the message types, except for Presidential Alert. You can also choose to receive emergency alert test messages.

Important: The Commercial Mobile Alert System (CMAS) system provides the government the ability to send geographically targeted notifications of emergencies, such as threats to public safety, severe weather events, a hazardous material spill or a missing child in the phone user's area.

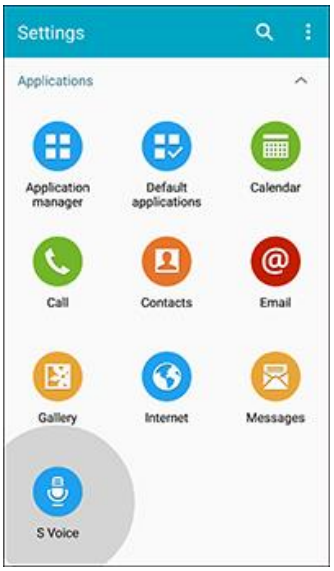
  - **Emergency notification preview**: Play a sample emergency alert tone. Tap **Stop** to cancel the playback.
  - **Vibrate**: Select vibration options for emergency message notifications.
  - **Alert reminder** Configure the reminder interval.

- **Signature**: When turned on, a text signature is included in all messages you send. Tap the **ON/OFF** switch to turn the setting on, and then edit the signature text.
  - **Edit signature**: Enter a text signature, when Add signature is enabled.
- **Spam filter**: When turned on, your phone block messages that may be spam, by filtering based on criteria you set. Tap the **ON/OFF** switch to turn the setting on, and then configure filters:
  - **Add to spam numbers**: Enter telephone numbers, to automatically flag messages from the numbers as spam, when Spam settings are enabled.
  - **Add to spam phrases**: Enter text phrases, to automatically flag messages as spam when they contain the phrase. Available when Spam settings are enabled.
  - **Block unknown senders**: When enabled, your phone blocks messages from numbers that are not stored as contacts.
- **Delay message sending**: When turned on, you can choose to delay the sending of messages, so that they can be canceled if needed. Tap the **ON/OFF** switch to turn the setting on, and then set the length of delay.
- **Safe mode**: Choose options for working with messages when your phone is in safe mode.

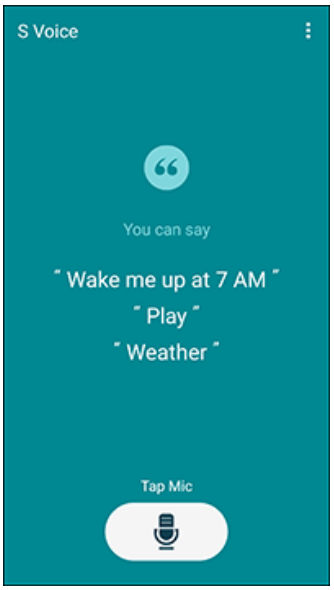
S Voice Settings

Configure settings for the S Voice app.

1. From home, tap **Apps** > **Settings** > **Internet** > **S Voice**.



2. If S Voice has not been used before, follow the prompts until you reach the main page.



3. Tap **More options** > **Settings** to configure options:
   - **Language**: Choose a language to use for S Voice.
   - **Hide offensive words**: When enabled, potentially offensive words are replaced with asterisks (*).
   - **About S Voice**: Learn about S Voice.
   - **Open via the home key**: When enabled, you can launch S Voice by pressing the Home key twice quickly.
   - **Voice wake-up**: When turned on, you can launch S Voice by speaking a wake-up command. Tap the **ON/OFF** switch beside **Voice wake-up** to turn the option on, and then tap **Set wake-up command** to record a command.
   - **Auto start speakerphone**: When enabled, the speaker is automatically turned on when you make a call with S Voice.
   - **Show body of message**: When enabled, the body of new message is displayed on the screen when it arrives.
   - **Check missed events**: When enabled, you can check missed events when you open S Voice via an optional headset.
   - **Personal briefing**: When enabled, S Voice will provide a briefing on your schedule when you open S Voice.
   - **Home address**: Configure your home address.
   - **Log in to Facebook**: Log in to your Facebook account. If you have not already installed an optional Facebook app, follow the prompts to do so before logging in.
   - **Log in to Twitter**: Log in to your Twitter account. If you have not already installed an optional Twitter app, follow the prompts to do so before logging in.

Copyright Information

©2015 Virgin Enterprises Limited. All rights reserved. VIRGIN and the Virgin Signature Logo are registered trademarks of Virgin Enterprises Limited and are used under license. Other marks are trademarks of their respective owners.

©2015 Samsung. Samsung and Galaxy are trademarks of Samsung Electronics Co., Ltd.

Android, Chrome, Gmail, Google Maps, Play Music, Play Movies & TV, Play Books, Play Newsstand, Play Games, Drive, YouTube, Photos, Hangouts, Google Mobile Services, and Google Play are trademarks of Google, Inc.

Other marks are property of their respective owners.

Screen images are simulated.

Appearance of device may vary.

The actual available capacity of the internal memory is less than the specified capacity because the operating system and default applications occupy part of the memory. The available capacity may change when you upgrade the device.

For Assistance

The following topics address areas of support for your phone, including troubleshooting, specifications, account information, warranty information, and customer service contact information.

Troubleshooting

Check the questions and answers below for troubleshooting solutions for common phone issues.

Check Here First

Problem: Phone freezes/operation is unstable.

Solution: Turn the phone on again. If you are unable to turn the phone off, remove and replace the Battery, and then turn the phone on again. Data that was being edited is erased after your phone is powered on again.

Problem: Operation is unstable after a new application was installed.

Solution: The newly installed application may be the cause. Uninstall the application.
See Uninstall an App.

Problem: Cannot use phone, mail, or Internet.

Solution 1: Check whether you are in an area where signal is weak or out of service area.

Solution 2: Power the phone on again.

Solution 3: Is the phone in Airplane mode? To check whether Airplane mode is enabled:

- From home, tap **Apps** > **Settings** > **Airplane mode**.

Solution 4: Is mobile data disabled? To check that mobile data is enabled:

- From home, tap **Apps** > **Settings** > **More networks** > **Mobile networks** > **Mobile data**.

Problem: Battery level goes down quickly.

Solution: Are you in an area where signal is weak, or have you been in an area with no coverage for a long period? Calling where signal is weak or being out of service area uses a lot of Battery.

Problem: Cannot install applications.

Solution: Applications cannot be installed with only a little free space on the phone or SD card. To check free space, see Storage Settings. Applications not supported by your phone cannot be installed.

Problem: Cannot unlock screen.

> **Solution**: Power the phone on again. If you are unable to turn the phone off, remove and replace the Battery, and then power the phone on again. Apps or other processes that were running may lose data when the battery is removed.

Virgin Mobile Account Information and Help

Access and manage your account from the Virgin Mobile app. Tap **Virgin Mobile** on your phone's home screen at any time to:

- Top-Up your account.
- Change your plan.
- Manage your devices.
- Browse special offers.
- View account history.

For more information about your Virgin Mobile account, as well as other Virgin Mobile services, visit us at: virginmobileusa.com.

Index

4G, 159
About Device, 360
Accessibility, 325
Accessories, 346
Accessory Port, 3
Accounts
  Add new, 333
  Manage, 334
  Settings, 333
Activate This Device, 358
Activation and Service, 24
Air View, 332
Airplane Mode, 275
Alarm, 199
Android Beam, 294
Android Keyboard, 339
Answer a Call, 86
Application Manager, 362
Apps
  Find and install, 55
  List, 36
  Request refunds, 57
  Uninstall, 60
  Update, 57
Back Key, 3
Back Up Phone, 336
Battery
  Installation, 14
  Settings, 347
Bluetooth, 209
  About, 249
  Connect, 254
  Receive information, 257
  Send information, 255
  Settings, 271
  Share pictures and videos, 185
  Turn on or off, 250
Bluetooth Tethering, 274
Bookmark, 163
Browser
  Bookmark, 163
  History, 165
  Launch connection, 162
  Settings, 168
  Windows, 166
Calculator, 191
Calendar, 193
  Add event, 193
  Sync Exchange ActiveSync calendar, 198
  View events, 195
Call Forwarding, 98
Call Logs
  Make call from, 93
Call Waiting, 97
Caller ID, 96
Camera, 171
  Settings, 189
  Take a picture, 172
  Viewfinder, 173
Car Kit
  Connect, 254
Charger/Accessory Port, 3
Chrome, 169
Clock
  Alarm, 199
  Timer, 203
  World Clock, 201
Cloud Settings, 335
Contacts, 101
  Add contact, 101
  Delete, 109
  Edit, 107
  Import, 113
  Make call from, 91
  Save a phone number, 104
  Share, 111
Credentials, 356
Data Services, 159
  Status indicators, 161
Data Usage Settings, 276
Date Settings, 343
Default Applications, 364
Device Administrators, 356
Drag, 22
Easy Mode, 324
Editing Text, 46
Email
  Add account, 146

Add Exchange ActiveSync account, 150
Compose and send, 152
Delete account, 155
Manage inbox, 157
Setup, 145
Share pictures, 181
View and reply, 154
Emergency Numbers, 85
Encrypt Device, 356
Encrypt SD Card, 356
Enhanced 9-1-1 (E9-1-1), 86
Enter Text, 43
Exchange ActiveSync
Add account, 150
Features, 158
Extended Home Screen, 72
Factory Data Reset, 338
Files
Transfer between phone and computer, 238
Finger Scanner, 330
Flash, 3
Flick, 23
Folders, 82
GALAXY Apps, 204
Gallery, 175, 204
Edit photos, 208
Share photos and videos, 209
Sharing photos and videos via apps and social media, 210
View photos, 206
View videos, 208
Gmail
Archive threads, 136
Create account, 46
Delete threads, 138
Labels, 135
Mute threads, 137
New messages, 133
Read and reply, 133
Read messages, 134
Report phishing, 140
Report spam, 140
Search, 139
Share pictures, 181
Switch accounts, 143
Google
Chrome, 169
Create account, 46
Hangouts, 231
Sign in, 52
Voice search, 218
Google Maps, 211
Google Play
Find and install apps, 55
Help, 62
Store, 55
Google Play Books, 210
Google Play Games, 211
Google Play Movies & TV, 213
Google Play Music, 213
Google Play Newsstand, 216
Google Search, 217
Google Voice Typing, 44, 339
Configuring, 45
Using, 44
Google Wallet, 219
GPS Satellites, 278
Hangouts, 231
Headset
Connect, 254
Headset Jack, 3
Help, 358
Home Screen, 70
Add Folders, 82
Add Shortcuts, 80
Add Widgets, 81
Customize, 78
Extended, 72
Hotspot, 247
Settings, 269
Import Contacts, 113
Incoming Call
Answer, 86
Reject, 87
Input Settings, 339
Internet, 117
Keyboard
Default settings, 339
Samsung keyboard, 43
Touchscreen, 43
Keyboards
Swype, 45
Language, 339
Language Settings, 339
Location
GPS satellites, 278
Wireless networks, 278
Location Services, 278

Lock Screen
Options menu, 318
Maps, 211
Memory, 350
Messaging, 117
microSD Card
Encrypt, 356
Format, 350
Mount, 350
Unmount, 350
MirrorLink, 304
MMS
Options, 129
Send messages, 119
More Networks Settings, 281
Motions and Gestures, 331
Multimedia Messaging
Share pictures and videos, 183
Music
Google Play Music, 213
Music (App), 221
My Files, 225
Navigation
Google Maps, 211
Nearby Devices, 299
NextRadio, 226, 235
NFC, 293
Notification Icons, 73
Notifications, 73
One-handed Operation, 323
Phone
Dialer, 84
Phone Calls, 83
Answer, 86
Emergency numbers, 85
Using Call Logs, 93
Using contacts, 91
Using phone keypad, 84
Phone Layout (illustration), 2
Phone Number
Save to contacts, 104
Phone Status, 360
Phone Update
PRL, 69
Profile, 68
Software, 64
Pictures
Crop, 179
Rotate, 177
Share via Bluetooth, 185
Share via email, 181
Share via messaging, 183
Take with camera, 172
Pinch, 24
Play Music, 213
Play Store, 55
Find and install apps, 55
Pointer Speed, 340
Polaris Office 5, 226
Power Key, 2
Power Off, 20
Power On, 19
Power Saving, 348
Printing, 301
Private Mode, 329
PRL Update, 69
Reject Incoming Call, 87
Rotate, 23
S Beam, 295
S Health, 227
S Voice, 229
Safety Assistance, 345
Samsung Keyboard, 43
Save a Phone Number, 104
Screen Lock, 311
Screen Mirroring, 303
Screen Unlock
Motion, 312
Swipe, 312
Screen Unlock Password, 316
Screen Unlock Pattern, 313
Screen Unlock PIN, 315
SD card
Format, 350
SD Card, 352
Encrypt, 356
Mount, 350
Remove, 353
Unmount, 350
Search
Google, 217
Secure Credential Storage, 285
Security Settings, 356
Settings, 259
Call, 366
Cloud, 335
Contacts, 368
Display, 308

Easy Mode, 324
Email, 369
Gallery, 373
Internet, 374
Messages, 377
Multi Window, 320
Nearby Devices, 299
NFC, 293
Notification Panel, 321
Overview, 259
Power Saving, 348
Printing, 301
S Voice, 379
Wallpaper, 310
Setup Screens, 27
Share
Contacts, 111
SIM Card, 4
Slide, 22
Smart Remote, 229
Sound Settings, 305
Speaker, 3
Spread, 24
Status Bar, 73
Status Icons, 74
Storage
Settings, 350
Swipe, 22
Swype, 45
Synchronize
Exchange ActiveSync, 158
System Update, 359
Tap, 21
Tap and Pay, 297
Tethering
Bluetooth, 274
Settings, 269
USB, 273
Text Editing, 46
Text Entry, 43
Text Messaging
Conversations, 125
Draft messages, 124
Notifications, 124
Options, 129
Send messages, 117
Text-to-Speech, 339
Time Settings, 343
Timer, 203
Toolbox, 322
Touch, 21
Touch and Hold, 21
Touchscreen
Keyboard, 43
Turn off, 63
Turn on, 63
TTY Mode, 263
Turn Device Off, 20
Turn Device On, 19
Typing, 43
USB Support, 18
USB Tethering, 273
Video (App), 233
Video Camera
Record video, 174
Videos
Record, 174
Share via Bluetooth, 185
Share via messaging, 183
Share via YouTube, 187
Voice Recorder, 233
Voice Search, 218, 339
Voice Typing, 44
Configuring, 45
Using, 44
Voicemail
Setup, 95
Volume, 305
Key, 3
VPN, 284
Add connection, 287
Connect or disconnect, 289
Prepare for connection, 284
Secure credential storage, 285
Wallpaper, 78
Web
Launch connection, 162
Widgets, 81
Wi-Fi, 241
Settings, 265
Turn on and connect, 241
World Clock, 201
YouTube, 210, 236
Share videos, 187
Zoom, 24